

Tech Show Objects

Inscomm Selects Feb. 22-24 'Winter Weekend' Dates

By Herb Eagle

The Institute Committee gave final confirmation last Thursday to plans for a February 22-24 "Winter Weekend." The decision was reached after lengthy debate arising from objections to the date by representatives of Tech Show and the Debate Society.

Steve Wanner, speaking for the Debate Society, expressed the opinion that the Weekend would seriously hamper the operation of the MIT Invitational Debate Tournament, also scheduled for February 22 and 23.

Michael Platt told the Inscomm members that attendance at Tech Show (to be presented a week later) would suffer because the MIT student body would be financially and socially exhausted. He noted that Tech Show has been a tradition for over fifty years, and that preparation for Tech Show actively involves more MIT students than does planning for Winter Weekend.

However, alternate dates proposed for the Weekend, March 15-16, and May 3-4, were rejected. The March date falls during Lent; in addition, both dates coincide with academically trying periods. Most members of Inscomm feel that a social weekend can be successful only early in the term, and that the three-day weekend of Washington's birthday is an ideal date.

Entrepreneurs on Campus

Another Inscomm also discussed student entrepreneurs. In a memo given to Inscomm members, Undergraduate Association Woody Bowman remarked:

"Presently, entrepreneurs are allowed to operate on campus. All potential entrepreneurs are supposed to register with the Institute Committee, although they do not. If they wish to solicit in the dormitories, approval must be granted by Dean Fasset and Mr. Marden ostensibly upon recommendation by the respective house committees.

"In most other cases, it is the Dean of Student Affairs, in conjunction with the UAP and sometimes other representatives on both sides, who makes major decisions as the cases occur! Is the present system desirable? If not, what kind of organization should be set up to handle these problems?"

In addition, the members of Inscomm were requested to consider the following questions, which are independent of the system of administration:

- 1) Under what circumstances shall entrepreneurs be given such privileges as use of the MIT name and facilities?
- 2) Should monopoly privileges be granted?
- 3) Who shares financial liability for those entrepreneurs under 21?
- 4) Should activities be given preference over entrepreneurs?
- 5) Should there be a uniform set of rules applying to all business transactions on campus?
- 6) Should entrepreneurs be encouraged in any way, e.g., by providing common facilities to lower overhead?

No conclusions were reached.

J.P. Given to Junior Class

UAP Bowman had distributed to the members of the Institute Committee copies of a proposed

(Please turn to page 12)

No Official Action On Much-Discussed E. C. Song Booklet

No official action was taken on the East Campus songbook, prescribed last week at the East Campus House Committee meeting last Thursday.

After a discussion of other matters related to East Campus, discussion of the songbook was begun. Discussion was unofficial and minutes were suspended.

After a protracted discussion, in which most House Committee members and the East Campus faculty residents were heard, a vote showed a majority in favor of removing the name of MIT and East Campus from the covers and retaining the sheets.

Buckley To Present Lecture In Kresge Next Wednesday

The Lecture Series Committee will present a lecture by William F. Buckley, Jr., editor of the *National Review*, on Wednesday, October 31, at 8:00 p.m.

The free lecture, titled "A Conservative Views the Fall of the West," will be in Kresge and will be followed by a question-and-answer period. Tickets may be obtained on Tuesday, October 30, at 9:00 a.m. in the lobby of Building 10.

Buckley founded the right-wing weekly *National Review* in 1954 to "keep the left from winning by default," in his words. He directs the counterattack against *The Nation*, *The New Leader*, and *The New Republic*. His magazine has eked past its closest liberal rival in circulation, but still loses \$100,000 a year.

The champion of campus conservatism, Buckley regularly rides forth to joust with Norman Thomas, Arthur Schlesinger, Jr., Norman Cousins, and anyone else willing to counter what Buckley calls "straight thought and straight talk . . . capable of

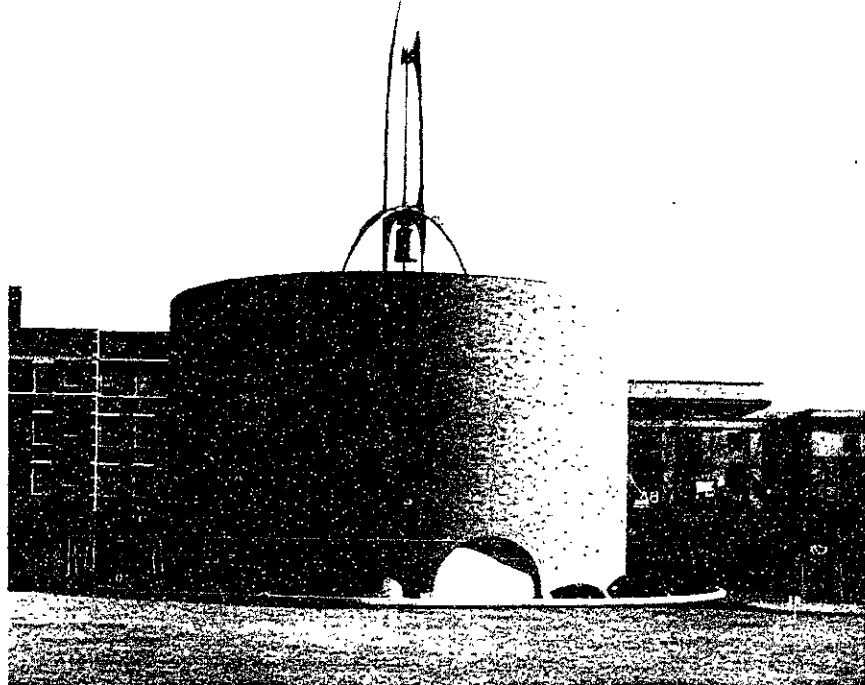


William Buckley Jr.

lifting people right out of their chairs."

Explaining the appeal to collegians of his articulation of conservatism, Buckley says: "The student looks at the world and sees apocalypse on one side and more appeasement, more federal aid programs on the other. He comes to realize that there are no new ideas left in liberalism."

The Tech



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James Baldwin To Talk On Negro Problems At Civil Rights Meeting

The Civil Rights Committee is sponsoring a lecture by writer James Baldwin in 26-100 tomorrow at 8:00 p.m. Baldwin is the author of *Another Country*, *Go Tell It on the Mountain*, *Giovanni's Room*, *Notes of a Native Son*, and *Nobody Knows My Name*.

Born in Harlem, Baldwin spent ten years in Europe. "I doubted my ability to survive the color problem here," he wrote in *Nobody Knows My Name*. He ended his self-exile when, as he has said, "I proved, to my astonishment, to be as American as any Texas G.I."

He has also written controversial profiles of Norman Mailer, Richard Wright, and Ingmar Bergman. He has been awarded a Guggenheim Literary Fellow-

ship, a National Institute of Arts and Letters Fellowship, and a Ford Foundation grant.

A \$1.00 admission charge will be collected at the door; however, free tickets will be available for MIT students and faculty members. These tickets may be obtained at the Civil Rights Committee meeting October 22 at 5:00 in the Bush Room; in Building 10 from 3:00 to 5:30 on October 23; or any time at 317 Memorial Drive.

The Committee also is sponsoring a talk by Malcolm X in Kresge at 8:00 p.m. on November 8. Admission is fifty cents. Malcolm X is the leader of the much-discussed Black Muslim movement. A question and answer period will follow his talk.

'Cuba No' Riot Rumbles, Rambles, And Disappears

Aroused by President Kennedy's Monday-evening address on the Cuban threat, over 200 students congregated in the Great Court with cries of "Yanqui si, Cuba no" and "Castrate Castro!"

Marching out of the Court, the crowd proceeded first to East Campus, then to Burton and Baker Houses, its rank continually augmented by new recruits from the dormitories and fraternities on Memorial Drive. The procession was accompanied by flash bombs, other fireworks, spotlights from the windows in adjacent living groups, raucous cries from the participants, and the persistent chanting of "Rumble, rumble,

rumble, mutiny, mutiny, mutiny."

A plan to march on Harvard Square was abandoned when the Security Force warned that such a disturbance would bring out the Cambridge police. Instead, the participants circled back to East Campus. Their numbers dwindled rapidly with the appearance of Dean of Residence Frederick G. Fasset; not much later the shouts had died away and the marchers had dispersed.

Faculty Appointments, Promotions Announced

The following appointments have been made to the faculty as of October 1.

PROFESSORS

- Architecture: Horacio Caminos
- Humanities: Richard M. Douglas
- Metallurgy: Harry C. Gatos (both Departments)
- Mathematics: Bertram Konstant
- Naval Science, and Head of the Department: Capt. Lewis E. Larson, Jr.
- Industrial Management: Franco Modigliani
- Naval Architecture and Marine Engineering: Capt. William M. Nicholson
- Mechanical Engineering: Ronald F. Probststein

(Please turn to page 2)

J P Queen Photos Due Next Friday

Juniors who wish to enter their dates in the Junior Prom Queen Contest may do so by submitting the date's photographs to the J P booth in the lobby of Building 10 by Friday, J P Committee has announced. The contest is also open to junior coeds.

INDEX

Cherchez la Femme	3
College World	14
Editorials	4
Educational Washington	4
Entertainment	6-9
Kibitzer	4
Sports	17-20

Junior Prom Committee To Distribute Tickets On A Proportional Basis



Week-Early Line Prompted Action

As a result of attempts to freeze the J P ticket line October 16, the Junior Prom Committee announced that tickets would be distributed this year in proportion to the number of junior registration cards presented by each living group.

At the appointed time Monday morning, the living group representatives appeared with a total of 575 cards. Since 625 tickets are available, each group will receive one ticket for each card.

The remaining fifty tickets will be available to juniors from 9 a.m. to 3 p.m. today in Building 10. Any tickets still unsold will be offered to the entire Institute at 9 a.m. tomorrow.

—Photos by Conrad Grundlehner

The lobby of Building 10 about noon last Wednesday as students waited for Junior Prom ticket options to go on sale.

To See Democracy In Action

Foreign Students To View State Gov't

MIT's 800 foreign students, among the 4000 studying in Massachusetts this year, are invited to view the workings of Commonwealth government at the first International Student Day on October 26.

The program, administered by Secretary of State Kevin H. White, was designed to give students "a first hand view of democratic institutions of government in practice."

The day will begin with tours of the Massachusetts Supreme Judicial Court and Boston newspapers. Students will have an opportunity to meet the judges and editors.

Then, following short lectures on "Urban Redevelopment," "Labor Organization in the United States," and "United Fund Voluntary Agencies",

the students will be treated to lunch on the Boston Common.

In the afternoon they will be welcomed to the State House by Gov. Volpe and have an opportunity to meet legislators in their chambers. There will also be a panel discussing "Politics in Massachusetts."

Any student who has not yet replied to his invitation should contact the Foreign Students Office in 3-108.

Mrs. Karl Taylor Compton, widow of the former president of MIT is chairman of the committee arranging the luncheon and reception for the students.

"We are eager," White says, "to have these students become aware of our government structure at the state level."

Faculty Appointments, Promotions Announced

(Continued from page 17)

Physics, and Director of the Center for Materials Science and Engineering

Robert A. Smith

ASSOCIATE PROFESSORS

Economics and Social Science
Joseph Altman
Richard S. Eckaus

Mathematics
Pierre E. Connor Jr.

Electrical Engineering
Fernando J. Corbato

Industrial Management
William M. Evan

Biology
Maurice S. Fox

Nutrition, Food Science and Technology
Leo Friedman

Paul M. Newberne

Geology and Geophysics
John W. Kanwisher

Military Science
Major Paul L. Gurnee

Capt. Hiram J. Thomas

ASSISTANT PROFESSORS

Civil Engineering
Ernest F. Bisbee

Jerome J. Connor Jr.

Edward M. Krokosky

Ronald T. McLaughlin

Ralph R. Rumer Jr.

Electrical Engineering
Fred Chertow

Ronald B. Goldner

Martin S. Osman

Nutrition, Food Science and Technology
William W. Carlton

Gerald N. Wogan

Chemical Engineering
Larry B. Evans
James R. McCord III
John D. Sherman
Wolf R. Vieth

Aeronautics and Astronautics
Norman D. Ham
Marc A. Koplin
Lawrence R. Young

Metallurgy
August F. Witt
Thomas R. Meadowcroft
Roy Kaplow
Simon Moss

Chemistry
James L. Kinsey
David K. Roe

Mechanical Engineering
Robert E. Stickney

Nuclear Engineering
David D. Lanning
Lawrence M. Lidsky
James A. Larrimore

Physics
Clive H. Perry
John H. Wood

Mathematics
W. Gilbert Strang

Economics and Social Science
Herbert D. Saltzstein

Wayne A. Wickelgren

John S. Saloma III

Leonard J. Fein

Stephen J. Chorover

Industrial Management
Arnold E. Amstutz

David E. Berlew

James S. Hekman

Gordon M. Kaufman

J. Daniel Nyhart

Humanities
Frederic L. Holmes

Modern Languages
Jan Miel

AIEE Presents Awards To Guillemín, Shannon

Dr. Ernst A. Guillemín and Dr. C. E. Shannon were among the five electrical specialists to receive awards recently from the American Institute of Electrical Engineers.

The awards were presented to Dr. Guillemín, professor of electrical engineering, for changes in engineering education and to Dr. Shannon, professor of science and consultant to Bell Laboratories, for his work in communication.

CLASSIFIED ADS

PART-TIME WORK: Permanent job for personable and mature college student as Hospital TV rental manager. Call LA 3-4212.

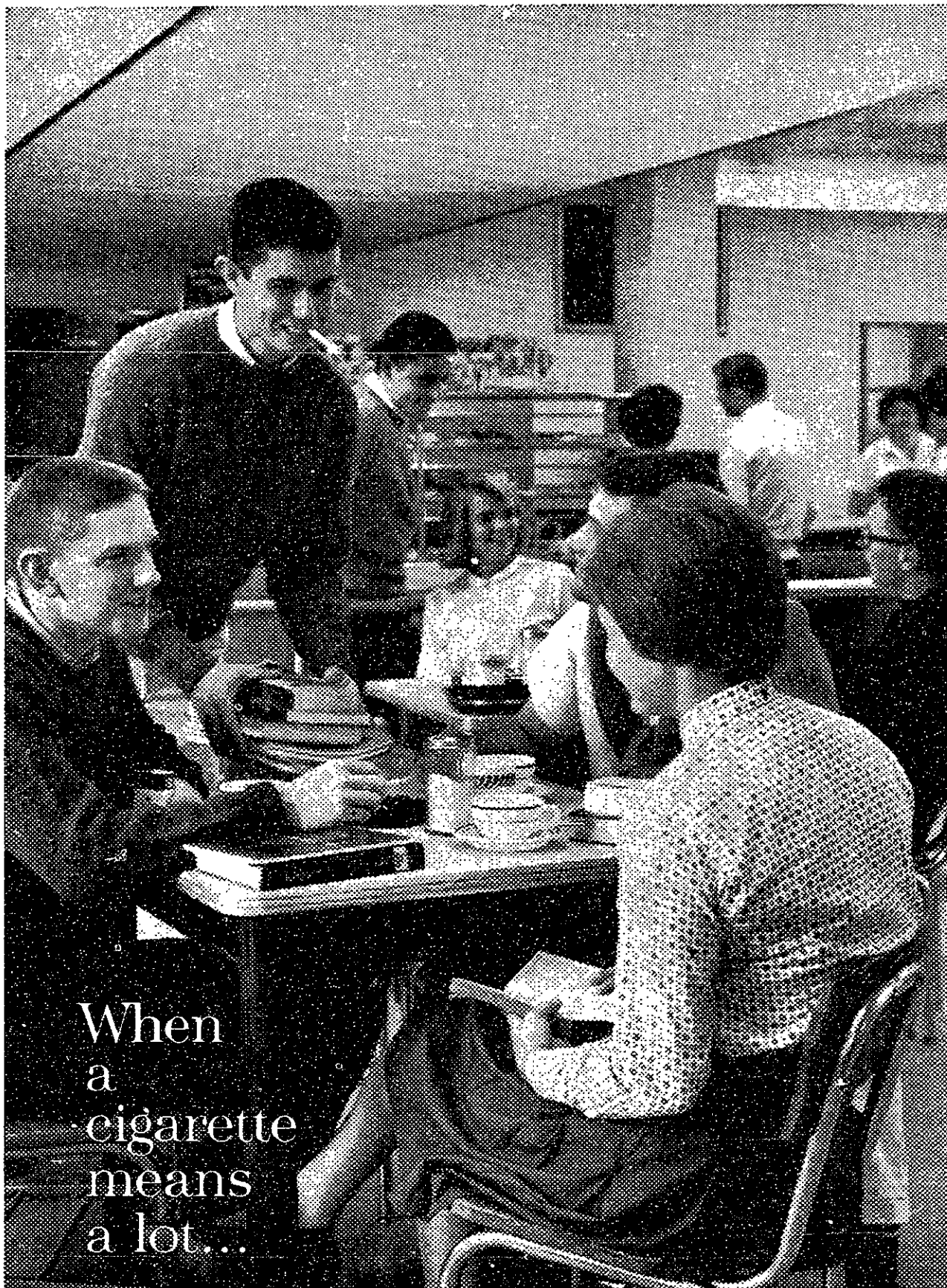
RIDE WANTED: Ride to Phoenix, Arizona for Christmas vacation. Call Mike Weidner, x3782.

WANTED. Fiat Shop Manual for 1957 1100 Model Sedan. Call Bernie Yaged, x3782.

DANCE COMBO: Guitar, sax, piano, bass, and drums. Ideal for parties. Everything from jazz and rock and roll to mood music. Call Roddy McLeod, x3203.

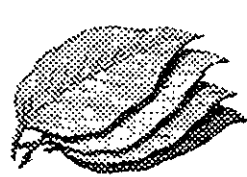
FOR SALE: 12 V. car radio. Monarch 8 transistor with built in speaker. Best offer over \$25. Worth \$45 new. Tom Taylor, x3782.

FOR SALE: 12 V. Motorola FM tuner for car radio. Worth \$74 new, best offer over \$40. Tom Taylor, x3782.

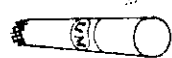


When
a
cigarette
means
a lot...

get Lots More from L&M



more body
in the blend
more flavor
in the smoke



more taste
through the filter



It's the rich-flavor leaf that does it! Among L&M's choice tobaccos there's more of this longer-aged, extra-cured leaf than even in some unfiltered cigarettes. And with L&M's modern filter — the Miracle Tip — only pure white touches your lips. Get lots more from L&M — the filter cigarette for people who really like to smoke.

Give To The United Fund

AMERICA'S MOST EXCITING FOLK TRIO

the J. L. Meliters

Symphony Hall
Fri., Nov. 2, 8:30 P.M.
Tickets at Symphony Box Office
Huntington & Mass. Ave.
\$4.75, 3.75, 2.75
Mail Orders Accepted
Suggestion:
Obtain Tickets, Avoid
Last Year's Sellout

Cherchez la Femme: Medford Musters Mixers

By Dave Trevvett

It's getting late, but "Cherchez" still has several mixers left. It seems to be Jackson week on the mixer scene, so everyone head out to Medford, Mass.

Friday night the Eliot-Pearson School of Tufts will hold its mixer in the Jackson Gymnasium on Talbot Ave. It starts at 8 p.m. with a \$50 admission.

Sunday night there'll be two mixers (at least) at the same school: Hodgdon Hall (at Talbot Ave. & Packard) is having its affair in true Halloween style, 8:30-11:30 p.m., admission \$50. The other one will be at (of all places) Stratton Hall (on Talbot Ave.), 7:30-10 p.m., no admission charge, with a rock 'n' roll band and refreshments.

The only other new addition to the mixer schedule is the "spirited" affair at East Campus this Friday: the Spook Mixer. It'll start at 8 p.m. in Talbot, guys, \$75 and girls free. And there

might even be "Casper the Ghost" cartoons.

The following is a brief summary of mixers mentioned in last week's column:

Harriet E. Richards House (BU), 191 Bay State Rd.: open house for all classes, Saturday, October 27, 8-12 p.m., no admission charge.

Bay State Academy, Harvest Hop mixer, Friday, November 2, roof garden of Hotel Vendome.

Towers (BU), invitational mixer, Friday, November 16, 8-12 p.m., band music.

Brooke Hall, open mixer (combination twist and folk-song), Friday, November 16, 8-12 p.m., 37 Carleton Street, Boston.

Shelton Hall (BU), invitational mixer, Friday, November 30, 8-12 p.m., band music.

And to top it off very nicely, the social powers at Emerson called to apologize for calling off last Sunday's Open House without notifying us.

Explain Ionic Properties

By James Veilleux

"A Sun in a Bottle" was the topic on Channel 2's "MIT Science Reporter" last Thursday. Members of the Plasma Physics Research Group, now working in Building 20A, described the nature of their investigation into the properties of plasma. This fourth state of matter is defined by physicists as "a neutral collection of electrons and positive ions."

According to Prof. Sanborn C. Brown, head of the research group, the past attempts at utilizing hot plasmas for controlled nuclear fusion have failed because information on the fundamental characteristics of plasma was not available at the time. The purpose of Prof. Brown's group is to supply this much-needed data.

An interesting property of plasma, for example, is its ability to reflect certain frequencies of electromagnetic radiation, while allowing others to pass through. In this way the ionosphere, itself

a cool plasma, blocks off all but the higher radio frequencies. Even the heat of friction developed by a descending space capsule creates a plasma that interrupts communication to ground control.

During the TV program, Prof. George Bekefi, a member of the research team, illustrated the infrared interferometer. By transmitting an infrared interference pattern through a plasma sample, and measuring the shift in the pattern which results, this instrument determines plasma density.

Under controlled laboratory conditions, the researchers are cre-

ating hot plasma as a means of studying the hot ionized gases of the stars. A low-pressure argon arc develops gases with a temperature of 100,000° to approach the high energy state of these gases.

Experiments with magnetic fields are carried out to determine how best the field can mold the plasma into a particular shape. This determination will be one of the key factors in producing controlled fusion reactions, where it is necessary to keep the hot plasma away from the walls of its container.

Plasma Researchers Appear on TV

Air Force Chaplin To Lecture Friday

One of the nation's most distinguished military chaplains, Colonel William J. Clasby, will speak at MIT Friday, October 26, as a guest of the Air Force ROTC unit.

His talk, "Moral Responsibilities of a Student," will begin at 2 p.m. in the Vannevar Bush Room, 10-105, and is open to the public.

Colonel Clasby, Command Chaplain for Air University—the Air Force command concerned with educational functions within the Air Force — has spoken before radio and television audiences, commencement gatherings, and students at colleges and universities in all parts of the country.

During his Boston visit, he will



Col. William J. Clasby

speak at Boston University, Harvard and Tufts, in addition to MIT.

Completion Of Kresge Dome Uncertain

By Joseph Sullivan

Contractors and Physical Plant officials are doubtful that the work on the dome of Kresge Auditorium will be finished by the time winter weather sets in.

Dick Collins, administrative assistant to the director of the Physical Plant, said that at least two months with favorable weather

would be needed to complete construction.

Workmen have been covering the dome with lead sheets since the middle of September. Expansion and contraction of its outer surface has been giving the Physical Plant trouble ever since Kresge was built in 1955.

Six months after the building

was completed, the dome's concrete outer cap and outer coating began to crack. A new plastic coating proved to be ineffective.

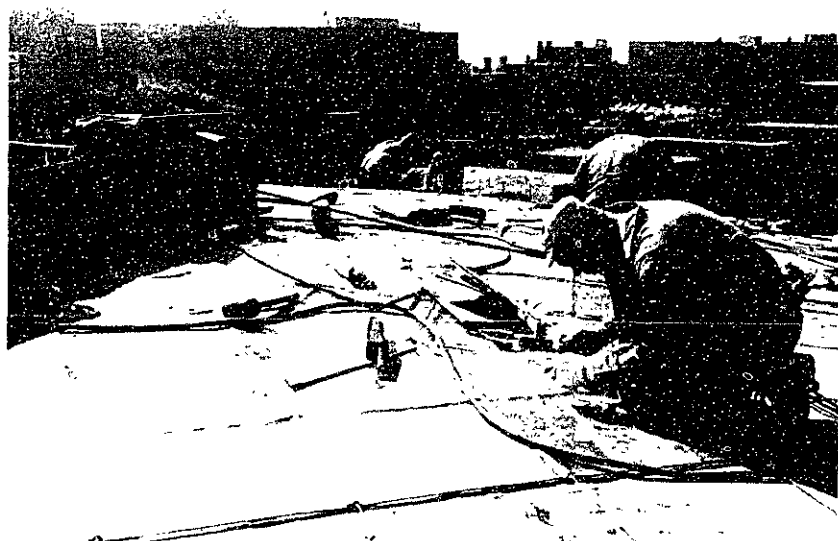
After five years of experimenting, Physical Plant experts and representatives of the architect and general contractor decided that lead sheets would provide the best covering.

Last year, the south corner of the dome was covered with a prototype of the present covering. At the same time, the corner facing Rockwell Cage was covered with a special type of lead shingle.

The diamond shaped sheets of lead will be bordered with stainless steel wires attached to bolts which are in the process of being driven into the concrete shell.

A lead burner will seal each square so no water seeps into the concrete. The bolts will go down through two inches of the skull cap and 3/4 of an inch into the structural slab.

One advantage of this cover is that lead expansion can be contained within each square. Acoustical engineers say the lead will not impair the excellent acoustics in Kresge.



Workmen install lead tiles on the roof of Kresge Auditorium. Deterioration of the original concrete roof has necessitated a new covering.

Tops '65 Score By 16

Frosh Average 697 On CEEB Tests

By Dave Vanderwerf

The average CEEB score of entering freshmen is increasing every year, according to Richard W. Willard, Statistical Analyst for the Admissions Office.

Overall class average this year for all tests is 697, Mr. Willard said, compared to last year's 681. Mean score for SAT verbal was 667, for SAT math 738. Achievement test scores were 736 for advanced math, 650 for English composition, 703 for chemistry, 690 for regular physics, and 647 for PSSC physics.

Students whose applications were not accepted averaged 593, 657, 613, 569, 586, 575, and 545, respectively, in the above.

48 percent of the students admitted had average scores above 700 on the tests. 51 1/2 percent had scores between 600 and 700, and 1/2 percent had lower scores.

The trend of scores throughout the US has been up for the last several years, Mr. Willard said, especially in non-science subjects.

World-wide Student Body
Almost every state in the union

is represented among the freshman class, and also included are 23 foreign countries. Middle Atlantic states have the greatest representation, with 31% of those living in the US residing in that area.

This section is followed by the North Central, with 27%, New England, 16%, the Western states, 12%, the South Atlantic, 9%, and the South Central, with 5%. Five percent of the class lived abroad before coming to Tech, 30 of those natives of a foreign country, and the rest US citizens living abroad.

5559 people submitted preliminary applications to the freshman class from secondary schools, but only 3276 followed them up with final applications. Both figures, said Mr. Willard, are down approximately 10% from last year.

This decrease does not indicate a decline in interest in applying to MIT, he said, but merely shows a "weeding-out" by the students themselves before they decide on where to submit applications.

Only 56% Come

Of those submitting final applications, 1590 were offered admis-

sion, and 885 accepted. The remainder of the class consists of college transfers and students who attended a preparatory school previous to applying.

Of the freshman class, 87 1/2 percent were in the top one-tenth of their high-school classes. Only two people were in the bottom one-half of their class.

More Advance Placement

28.2% of the class from the U.S. advance-placed this year, a gain of about 3% from last year, and a continuation of the trend toward advance placement in recent years. In spite of this trend, Mr. Willard said, the median grade for freshman was a B last year, and 50% of all undergraduates got either A or B averages.

A total of 420 people received financial aid this year, said Mr. Willard. 413 received grants, which averaged 1200 dollars, 194 received loans averaging 450 dollars, and 125 received part-time work at their own request. The total amount of aid received was approximately \$600,000.

Sound-Wave Analysis

Ocean Depths Explored With Stroboscopic Camera

A new method for exploring the ocean depths was explained to the public October 15 by Professor Harold E. Edgerton. In a seminar sponsored by Course VI, underwater pictures taken at five miles depth and 20,000 p.s.i., as well as the apparatus used, were displayed.

Professor Edgerton described his apparatus as a "pinger" and a stroboscopic camera which is able to take 500 consecutive pictures in two hours. In one experiment, the pinger, a high-frequency sound source, located the position of the instrument rig aboard ship. This allowed the camera to remain off the mud bottom. The developed films provided evidence of bedrock outcroppings and numerous species of plant life.

Another series of experiments involved a "boomer," an instrument consisting of two large circular steel plates which separate forcibly when charged at a high voltage. Underwater shock waves formed by this device can be analyzed to determine the composition of the mud layers and the location of bedrock formations. One of Professor Edgerton's

early tests of the boomer was in the vicinity of Boston Harbor, and a "wet-paper graph" revealed distinctly the position and relative depths of the Calahan and Sumner Tunnels.

Other surveys involved Marseilles Harbor in France and the Mississippi River. The former was undertaken for archeological purposes, while the latter was a test for levee strength. Much of Professor Edgerton's field analysis was done this past summer.

Freshman Council Elects Its Officers

The results of the Freshman Council elections were as follows: Thomas O. Jones, Chairman; Grady Lotridge, Vice-chairman; and Tom O. Jones, Secretary-treasurer.



Art Discussed At XXI Luncheon



—Photos by Conrad Grundlehner
Professors William Greene (left) and Jerome Lettvin (right) contributing to a discussion of "What Makes Art Good?" The discussion was part of the annual Course XXI luncheon held last Saturday at the MIT Endicott House.



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Business Staff Thomas Guillermo '64, Larry Stark '66
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Unsigned editorials appearing in THE TECH constitute the opinion of the newspaper's Board of Directors, and not that of MIT. The newspaper welcomes letters from its readers. Space permitting, such letters will be printed in whole or in part, if deemed by the editor to be of sufficient interest or benefit to the community. Brevity increases the chance of publication. Anonymous letters will not be printed. Names will be withheld upon request.

THE TECH

Political Activities

The letter appearing on this page was written in objection to a decidedly opinionated discussion of campus political groups and their rights to status as activities, which appeared in the "Incomm News-letter." The writer of the letter expresses two objections, first to the reasoning of the newsletter article and second to its place in a publication of this sort.

Two groups are in question, the MIT organization for a Rational Approach to Disarmament and Peace (RADP) and the MIT Civil Rights Committee (CRC). Both were granted provisional admission to the Activities Council in December 1961. There is no doubt that since that time they have both shown themselves to be well-organized dynamic groups, and an active part of the community. CRC was in fact responsible for the excellent presentation of Massachusetts political candidates earlier this month.

These two groups have made the Activities Council aware of its responsibilities to political organizations. It has the power to deny or allow use of the MIT name and facilities and to allow requests to finance board. All these privileges could certainly be abused by an over-exuberant political group, but because a privilege could possibly be abused is not a real reason for denying it.

We think that any organization which has shown merit in exciting the interests of the MIT community should be granted the privilege of associating with Activities Council. We think that there should exist a representative group to deal with abuse of the privileges granted by the Council, and that members of this group not necessarily be representatives of MIT Activities.

We certainly do not wish to see the name of MIT or of its Student Body associated indiscriminately with groups of a particular political leaning, nor do we wish to see MIT money spent to further the cause of any single opinion or candidate. We do wish to encourage active political interest on campus and not stifle it by a policy of indecisiveness and inaction.

Athletic Scholarship?

We are pleased to note the appointment of crew coach Jack Frailey to succeed Dean Thomas Pitre as Director of Student aid. Mr. Frailey has been a popular figure when working a little closer to the banks of the Charles and we feel sure that his move inland will mark continued success. Crew scholarships anyone?

but who can blame him? West's play made it easy to go wrong. South should, in order to insure the contract, win the first club in his hand, then lay down the Ace of Diamonds, continuing the suit to force the King out. He wins the return, and now has the club Ace as an entry to the diamonds.

Familiarize yourself with the duck. Everybody knows enough to hold up a couple of rounds at a notrump contract when the opponents knock out your only stopper in a suit. That hold up play is essentially an entry-killing play, primarily designed to isolate a long suit in a defender's hand, hoping that he will have no entry to it. The defenders have their counterpart to the hold up play, the duck, as illustrated in today's hand.

Let's see if the point has gotten across: sit East now, holding today's hand with one exception, you hold the King, four, two of diamonds, and your partner has two little ones. Declarer wins the opening club lead on the board, and leads the Queen of diamonds. "Cover an honor with an honor," you say? Wrong. Stare declarer straight in the eye and play low, play low again when he leads the Jack. Play the King only when

(Please turn to Page 5)

Educational Washington

NDEA Amendment Stirs Controversy

This column is the first of a weekly series from The Tech's College Washington Press Service dealing with news of interest to the academic community. — Editor

WASHINGTON — After a two year protest by leading universities and educators Congress has repealed the "disclaimer" affidavit in the National Defense Education Act (NDEA) student aid program.

The drive to eliminate the affidavit was successful because opponents found the right man, the right weapon, and the right strategy while Congress was hurrying towards adjournment. Changes in the NDEA program were included in an amendment to the National Science Foundation (NSF) Act.

But opponents of the affidavit do not all agree that the new bill passed by Congress this month represents a legislative victory.

The disclaimer affidavit which Congress repealed stated in part: "I do solemnly swear that I do not believe in, am not a member of . . . any organization that believes in or teaches the overthrow of the US Government . . . by illegal or unconstitutional methods."

But three new provisions included in the NSF Act and the NDEA have been criticized in the past two weeks. These provisions state:

"It is a crime for any person to apply for funds under either the NSF or NDEA programs if he is knowingly a member of any organization defined by the Subversive Activities Control Act of 1950 as Communist or a member of any organizations that has received a final notice from the Subversive Activities Control Board to register as Communist.

Violation of this criminal provision could mean a \$10,000 fine or five years in prison, or both.

"All applicants must list all criminal convictions including traffic violations having fines over \$25, but excluding crimes committed before the age of sixteen.

"Scholarships may be denied to anyone if the Education Commissioner is of the opinion that such an award is not in the best interests of the United States."

Even before President Kennedy signed the new bill, the American Civil Liberties Union said it was concerned about the veto power of the Education Commissioner.

The ACLU said it "rejoiced" at the deletion of the "much criticized and deplorable disclaimer affidavit," but that the new provision could deny due process of law to persons whose aid is withdrawn.

It urged Welfare Secretary Anthony J. Celebrezze to issue regulations providing that no aid could be withdrawn or denied "until whatever charge has been levelled against the individual involved has been known to him and he has been granted a hearing."

Columbia University's director of admissions and financial aid, Mark Peisch, called the new provisions "most deplorable," and "a step backward."

Under the revised act, several schools are expected to join the NDEA program. The Presidents of Harvard and Princeton have an-

(Please turn to page 5)

Letters to The Tech

Rights Chairman Objects to Newsletter Article

To the Editor:

I'd like to comment on an article in the first issue of the INSCOMM Newsletter entitled, "A Decision on Political Activities," which purports to give the facts concerning the pending recognition of the Civil Rights Committee and RADP by Activities Council. While it is true that the CRC takes a specific stand on a specific problem, it is not true that we are "committed to support, in conjunction with other such groups, a specific set of national policies." The CRC is completely autonomous. It is not associated in any way with any outside group nor has it any specific national policy.

The article claims that the Activities Council must make a distinction between "associations of individuals with like opinions and organizations which have a genuine contribution to make to the student body." This is, of course, a false distinction. There is no reason why a group with a defin-

ite position can not contribute to the M.I.T. community.

The article also contends that the basis of recognition of an activity should be whether the focus of the group represents the opinions of the student body. He claims that the rejection of a group recently was "because it was not considered a fair representative of the student body." The article has here missed a very important point. Approval of an activity does not mean approval of the activity's stand. Rather, it is an approval of the right of an activity to have a stand. The author's position would imply that approval of the Model Railroad Club indicates that a majority of M.I.T. are model railroaders.

The article holds that "The Young Republicans Club is engaged primarily in the investigation of men and issues rather than the propagation of any set ideas." I'm sure that everyone will agree that the YRC is committed in some way to the specific national

(Please turn to page 5)

Concrete Jungle

Will MIT ever have a campus? In the sense of the pastoral beauty of Wellesley, probably not. As ground is broken for the new construction provided in the Second Century Fund's massive building program, we watch the last of the remaining plots of grass and trees, even the parking lots, being eaten away.

The task of making an architectural entity of the MIT campus is now divided among three architects, one each for the East, North, and West campus areas. The only hope for retaining some feeling of spaciousness in what will become a university of skyscrapers is the creation of small, well-landscaped courtyards among the buildings. This is a challenge worthy of any architect, to create in these limited surroundings some intimacy and beauty apart from the structures of stone and mortar.

MIT can help in this effort. As long range proposals are evaluated, it is evident that more contingent land will have to be acquired for future construction. At the risk of an economically unsound proposal we urge that this land be purchased as soon as possible, and landscaped to provide open areas which can exist until buildings are built. At the cost of annual taxes, this could compensate for the moment the seizure of the campus which remains, and satisfy the inevitable human desire to glimpse some green grass.

Kibitzer

By MICHAEL LINAH

NORTH
♠ Q 10 4 2
♥ 7 5
♦ Q J 10 9 3
♣ A 7

WEST
♠ 9 5 3
♥ J 10 9 4
♦ K 5
♣ J 10 5 4

EAST
♠ K J 8
♥ Q 8 3
♦ 6 4 2
♣ Q 9 8 6

SOUTH
♠ A 7 6
♥ A K 6 2
♦ A 8 7
♣ K 3 2

The Bidding:

SOUTH WEST NORTH EAST

1 notrump pass 2 ♣ pass

2 ♥ pass 3 notrump pass

Opening lead: four of clubs.

Experience plays a key role in the making of a bridge player, especially in making his defense top-notch. Even the most innocent looking hands are transformed by an expert into opportunities for beautiful plays, most often because the expert can remember that a certain play works. If that play is bizarre, chances are the beginner will never even think of it, while the expert can re-

member having seen it many times.

Take today's hand. First put a beginner in West's seat. Declarer wins the opening club lead on the board with the Ace, and leads the Queen of diamonds for a finesse, losing to the King. West leads another club, forcing the King. Declarer now runs nine tricks; four diamonds, two hearts, two clubs, and one spade. Innocent looking hand, isn't it? Wait!

Now let's put an expert in West's seat. Same club lead, and same lead of the Queen of diamonds from the board for a finesse. But now West DUCKS THE TRICK, letting the Queen win. You say he's crazy! Look what happens. First, declarer smiles knowingly at East, then at his partner, talking fondly about overtricks. Then he leads the Jack of diamonds for the marked finesse. Then West takes his King, and then South goes down two tricks, since he is now locked out of dummy when East shows up with both of the missing spade honors.

Declarer of course played badly,



PEANUTS appears daily and Sunday in the Boston Herald.

Letters:

(Continued from Page 4)

policies of the Republican Party and that official recognition of the YRC does not imply the agreement of the student body with these policies.

By far the article's worst offense, is its publication and distribution with INSCOMM's funds and INSCOMM's official approval as designated by the "Published for the Institute Committee..." which appears on the front page (under the M.I.T. seal). This sort of random editorializing should not be allowed to appear in the guise of a Newsletter.

Ned Block

Chairman, MIT CRC

To the Editor:

In the last Incomm Newsletter there was a brief editorial criticizing certain aspects of the intramural sports program, mainly with respect to the intramural eligibility rules for participation on intramural teams. The Athletic Association is trying to establish the intramural program on the largest possible basis of participation together with a reasonable level of competition to provide an opportunity to participate in competitive sports for all not out for an inter-collegiate sport. With this in mind, we welcome constructive criticism of all features of the program.

I would like to extend an invitation to all who have constructive criticisms regarding intramural eligibility to attend the Intramural Council meeting on Wednesday, Oct. 24 at 7:30 p.m. to make their opinions known. Please call Tom Gerrity, Intramural Vice President at x 3204 if you would like time to speak at this meeting.

Jim Evans

President

MIT Athletic Association

American Council On Education Authors New Oath

(Continued from Page 4)

nounced their qualified approval of the new legislation.

Top Educators Fought Disclaimer

Many of the nation's top educators have been fighting since 1959 to remove the disclaimer requirement. They had argued that the affidavit's definition of subversive organizations was too vague, and that the requirement might infringe on free inquiry, since it required student applicants to disclaim "belief."

Among prominent university leaders who opposed the affidavit were Presidents Pusey of Harvard, Griswold of Yale, and Beadle of the University of Chicago.

Rather than go along with the affidavit, 22 schools either refused to join or cancelled their membership in the NDEA program. In addition to Yale, Harvard, and Chicago, the 22 included institutions such as Amherst, Princeton, Vassar, Smith, Antioch, Swarthmore, Brown, Colby, Mt. Holyoke, Sarah Lawrence and Bennington.

An additional 100 or more educators expressed disappointment at having to comply with the disclaimer requirement but decided to remain in the NDEA program anyway.

A.C.E. Suggested Criminal Provisions

Paradoxically, the new criminal provisions in the NDEA which have drawn some criticism from educators were suggested to Congress by the American Council on Education. Among its other activities, the ACE lobbies for educational legislation on behalf of approximately 1000 colleges and universities.

According to ACE spokesman Charles Dobbins:

"The ACE's commission on federal relations was one of the first groups to come out against the disclaimer provision. The efforts to remove it this year were carried out quietly, although we didn't 'sneak it through' as the Chicago Tribune recently charged."

Dobbins said that the ACE commission noted last May that the Science Foundation Bill provided for replacing the disclaimer in that program with a criminal penalty and it was decided that the same approach should be used on the NDEA bill.

"The ACE and the American Association of University Professors were most active in the efforts to get the disclaimer repealed," he said. "And Julian Levi of Chicago played a very important role in getting the job done." Levi is a University of Chicago representative to the American Council on Education.

Dobbins said that Levi consulted Albert E. Jenner, Jr., a noted Chicago lawyer, to write a legal opinion on the constitutionality of the disclaimer requirement. This opinion, which later was incorporated in the Senate's report on the NDEA bill, held that the disclaimer provision was "unconstitutionally vague" and that "if faced with the issue, a majority of the Supreme Court, as presently constituted, would so hold."

Informed sources said that Levi was able to present this opinion to Senate Republican Leader Everett M. Dirksen, Sen. Barry Goldwater and other influential leaders. Here's how the legislative assistant to one of these senators described the result:

"The senator was very impressed with the legal arguments presented by the opinion. Recent decisions of the Supreme Court had

put the constitutionality of the disclaimer provision in doubt.

"We feel that the final legislation is a happy solution for everyone. The criminal penalty now in the bill should be even more effective than the affidavit requirement in keeping subversives out of the program, and colleges won't be required to inquire into anyone's affiliations."

Boycott Disturbed Congress

Undoubtedly, the boycott of the aid program by the 22 schools brought some pressure on Congress to change the law. However, with some 400,000 scholarships involved, these institutions by themselves couldn't swing the battle.

"We were very unhappy to see these colleges out of the program," one congressional source said. "But it was a matter of finding a solution to a vexing problem and to keep out subversives. The criminal penalty is the answer."

Repeal of the disclaimer requirement is regarded in Washington as a tribute to the efficiency of the education lobbyists. While they don't have the money or power of such groups as organized labor, the business lobbyists and some other special interest organizations, the education lobby has worked quietly and effectively.

The chief proponents for educational legislation are the ACE, the AAUP, and the National Education Association. The ACE and the AAUP deal with higher education, while the NEA is more interested in elementary and high schools.

A serious rift has developed between the ACE and the NEA resulting from the fate of education bills in the recent session of Congress. The ACE feels the NEA helped kill the college aid bill after it found out that the public school measure wasn't going to be approved.

However, if the education lobbyists learned anything from the NDEA fight, it was that there is strength in unity. Many educators are hoping that the NEA and ACE can patch up their differences and work for federal aid to education next year as they have in the past.

Kibitzer

(Continued from page 4)

you have to, on the third round, then score declarer for down one at three notrump.

PUZZLER

Answer to last week's problem: You are declarer at six spades, holding the West hand:

WEST	EAST
♠ A 9 5 4 3	♠ J 8 2
♥ A K	♥ Q J 10
♦ K 9 5 2	♦ A Q J 10
♣ K 9	♣ A 10 7

What is the correct play of the trump suit to lose only one trump trick? Answer: The Ace first wins in only two cases, if either North or South holds doubleton King Queen. There are three other cases you can pick up by leading low, however. If North holds ten-small, King-ten, or Queen-ten of Spades, you can avoid the loss of two trump tricks by leading low to the Jack first. If North plays the ten, you cover with the Jack, forcing the other honor from South. Then you drop the remaining honor the next trick with the

Ace. If he plays a low card from ten-small, you finesse the eight. Then lead the Jack next round dropping the ten and the other honor at the same time. Since all five distributions have the same probability frequency (3.4%) you have three to two odds of making the right play by playing small on the first lead.

This week's hand: Partner Opens One Spade. East overcalls two hearts.

You South Hold:
♠ 8 5 4 2, ♥ Q J 10 9 8 7, ♦ 7 2, ♣ 4.

What do you bid now?

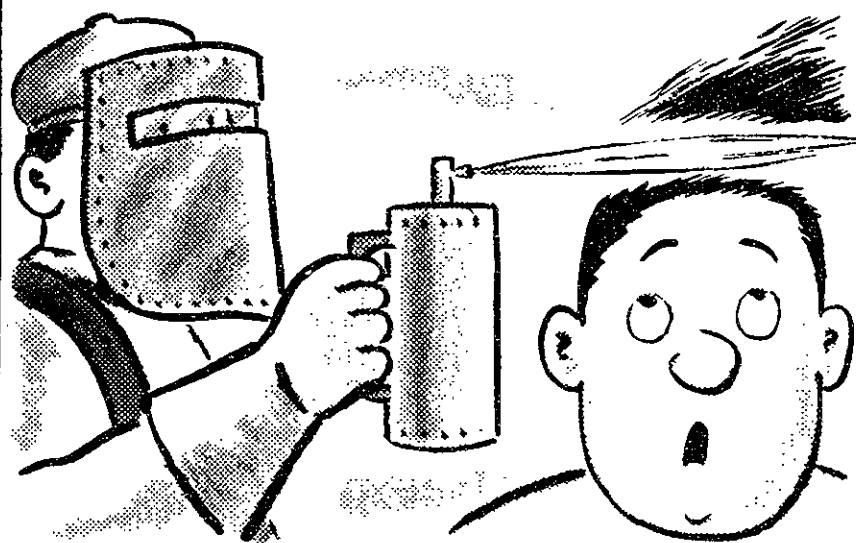
Wilson Gets Life

John J. Wilson, Boston industrialist has been elected a life member of the Corporation of MIT. Mr. Wilson had been a term member since 1958 and secretary since 1959.

An alumnus in the Class of 1929, Mr. Wilson has been general chairman of the Second Century Fund since the campaign for \$66,000,000 was inaugurated in 1960. He was president of the Alumni Association for 1958-59.

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TECH COOP

Jack Richardson's 'Gallows Humor' At Actor's Playhouse October 23

"Gallows Humor," a comedy by Jack Richardson, starts October 23 at Actor's Playhouse.

The play has two acts in which the actors play dual roles; the first act is in the prison cell of a murderer about to be hanged, the second in the kitchen of the prisoner's hangman.

Featured actors will be Peter Walowitz Jr., Barbara Leary, Robert Leibacher, and David Tabor.

Richardson's latest play, "Lorenzo," will be produced on Broadway in January. "Gallows Humor" was first performed at the Gram-

ercy Art Theatre in New York last year; his first play, "The Prodigal," has played in New York also.

Edward Greer of the Actors Studio Directing Staff will direct this production.

"Gallows Humor" will run for three weeks with performances Tuesday, Wednesday, Thursday and Sunday evenings at 8:40 and two performances on Friday and Saturday evenings at 7:30 and 9:30.

Reservations may be made by calling CE 6-6839.

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theatre...

Compass Theater Needs Improvement

By Larry Stark

The newest wrinkle in supper-club entertainment is the freely-improvised comedy sketch, probably prepared in outline, but not written or rehearsed. The genre began in Chicago, and has become most famous in downtown New York. Now, since the opening of the Compass Theatre at the Hotel Somerset, it has come to Boston.

Though under the direction of David Shepherd, who created this brand of entertainment seven years ago, the Compass Theatre group is a pallid representative of this new species. Their routines are full of possibilities never fully developed, ideas ignored, and what seem to be weak imitations of things done by other improvised groups. They represent a new form at its infancy, not at its flower.

David Shepherd, the original director of Compass Theatre in Chicago in 1955, probably created the idea of improvisational comedy for nightclub entertainment. The original ran for two years, and was revived in 1959 as The Second City. The fruits of that original group in Chicago's Com-

COMPASS CABERET THEATRE
A Comic Improvisational Review at the Somerset Hotel.
Coronet Restaurant
Producers: R. J. Calvin & William Court Cohen; conceived and directed by David Shepherd; associate director, Lee Kalcheim; Scenery by Bobby Altman; lighting by Ken MacDonald; with: Philip Baker Hall; Freya Manston; Henry Jaglom; Peg Shirley; Leslie J. Stark.

pass Tavern were many. Shelley Berman, and Mike Nichols and Elaine May, started there. Also, similar groups have opened in St. Louis, Washington, Hyannis, and now in Boston... all under Mr. Shepard's artistic direction. And of course The Premise, improvising entertainment in Greenwich Village, might be called a copy of Compass Theatre.

The group performing at the Coronet Restaurant are competent versatile young actors. But their material can best be characterized by telling what it is not. There is no attempt at the erudite, sophisticated, in-group style acquired by Nichols and May. Since their main forte is straight comedy, they rarely attempt to build poignant dramatic scenes as the

new Second City crew do. And though their approach to politics is original (Kennedy & Khrushchev answer questions from the audience), they lack the irreverence and topicality which made The Premise famous.

However, this does not mean they are not funny, nor that their show lacks interest or enjoyment. It is quite good after-dinner entertainment. But visiting the Compass Theatre is not, unfortunately, indispensable to complete modern living.

The group plays well together, tending more to quick cooperation rather than dueling to try to top one another. Their longest skits concern garage-men, hi-fi bugs, and collegiate dating problems. That is, they did the night of this review. However, the life-blood of any such group is constant change.

Leslie J. Stark does a fine mimed imitation of President Kennedy, and Henry Jaglom's Russian nonsense-syllables as Khrushchev seem always about to make sense. It's a pity their political satire is not a bit braver, to give these fine characterizations something to do. Peg Shirley is responsible for some of the group's more seriously dramatic bits. In one self-contained little gem, she shows the character-change in a mouse housewife who tries on a glamour-wig.

One can hope that improvising on audience suggestions (an object, and a setting), will make them more sensitive to audience tastes. Up to now, they have improvised good but unspectacular entertainments.

Making the Scene

This Week

MUSIC
Kresge Auditorium Organ Concert — Heinz Wunderlich, October 24, 8:30 p.m.; single tickets \$1.50.
New England Conservatory — Concert of Bruckner, Barber, Berlioz and Weber's works, October 25, Jordan Hall, 8:30 p.m. Free.
Vladimir Ashkenazy, Soviet Pianist — Symphony Hall, October 26, 8:30 p.m., Boston University Celebrity Series.
Boris Goldovsky, Soviet Pianist — Highlights from Mozart's "The Magic Flute," assisted by The Goldovsky Opera Theatre, October 28, 3:00 p.m. Isabella Stewart Gardner Museum. Free.

LECTURES
Physicians for Hughes — Sponsoring a lecture by Dr. Spock, Donnelly Theatre, October 25, 8:30 p.m., tickets \$1.00.
Robert Welch Jr. — "A Brief Introduction to the John Birch Society," Ford Hall Forum, Jordan Hall, October 28, 8 p.m.
Henry Kissinger — Harvard University Center of International Affairs, October 29, Fendleton Hall, Wellesley, 7:30 p.m.
Evelyn K. Wells, Wellesley Professor of English Literature — On Renaissance Poetry and Music, October 30, Jewett Auditorium, Wellesley, 7:45 p.m.
Faubion Bowers — "The Japanese Theatre: Noh and Kabuki," October 31, Jewett Auditorium, Wellesley, 7:45 p.m.
"The Future of Interkation," — Harvard Law School Forum, with the Rev. Martin Luther King, Prof. Mark DeWolfe Howe and Prof. Paul M. Bator, moderator, Prof. Paul A. Freund, Sanders Theatre, October 24, 8:30 p.m.

MOVIES AND PLAYS
LSC Entertainment Series — "Splendor in the Grass," starring Natalie Wood, Warren Beatty, Pat Hingle, Audrey Christie. The story of love, a broken romance and two broken lives, which are brought about by the boy's domineering but well-meaning father. Saturday, 5:15, 7:30, 9:45; room 10-250.
LSC Classic Series — "My Little Chickadee," W. C. Fields and Mae West play in a burlesque western. A big-city siren, in trying to take the wild and woolly west, just about meets her match. (USA) Friday, 6:30, 9:00; Kresge Auditorium.
"Beggars on Horseback" — B. U. Theatre Arts Division, October 25-27, University Theatre.

Next Week

MUSIC
Boston Symphony Orchestra Open Rehearsal — Symphony Hall, November 1, 7:30 p.m.; doors open at 6:45; \$2.00.
"The Medium" by Gian-Carlo Menotti — New England Conservatory Opera Department, Brown Hall, November 1, 8:30 p.m. Free.
"The Goat" by Giacomo Puccini — New England Conservatory Opera Department, Brown Hall, November 2, Free.
The Lincolns, folk trio — Symphony Hall, November 2, 8:30 p.m., \$2.75-\$4.75.
L'Orchestre National Français — Directed by Lorin Maazel, B.U. Celebrity Series, Symphony Hall, November 4, 3 p.m.
Gabrielli Trio — Isabella Stewart Gardner Museum, November 4, 3 p.m.
John Fesperman, organist — Recital, MIT chapel, November 4, 4 p.m.
MISCELLANEOUS
Arabian Night — Arab Club at MIT, Baker House, November 3, 8:00 p.m., tickets \$3.00 in Building 10.
"Conservatism vs. Liberalism" — William A. Rushner and Norman Thomas, November 4, 8:00 p.m., Ford Hall Forum, Jordan Hall.

Museum Shows Selections From Dana Art Collection

Selections from the Dana art collection will be on exhibit at the Institute of Contemporary Art through November 11.

This group includes works by Picasso, Joan Miro, and other American and foreign artists. Many have never been on public display before.

Exhibition hours are Tuesday through Saturday 11-6 p.m., Thursday evening 6-9 p.m., and Sunday 2-5 p.m.

Movie Schedule

Wed., Oct. 24, through Tues., Oct. 30 (Unless otherwise stated, the Sunday schedule is the same as the weekday schedule except no movies are shown before 1 p.m.)
ASTOR — "The Longest Day," 8:15; Wed., Sat., Sun. 2:00; Sun. 7:30.
BEACON HILL — "Phaedra," 9:30, 11:30, 1:30, 3:30, 5:30, 7:30, 9:30.
BRATTLE — "The Five Day Lover," plus cartoon festival, 5:30, 7:30, 9:30; matinee Saturday at 3:30; Starting Sunday: "Rocco and His Brothers," 1:50, 4:20, 7:00, 9:30, weekdays at 7:00 and 9:30 only.
CAPRI — "Gigot," 9:30, 11:30, 1:30, 3:30, 5:30, 7:30, 9:30.
COMMUNITY PLAYHOUSE — "Breakfast at Tiffany's," Oct. 25-27, even. 7:45, Sat. matinee 2:00; "I Like Money," "Lisa," Oct. 28-30, same times, Sun. continuous from 4:45.
COOLIDGE CORNER — "Carry On Teacher," 2:00, 7:45, 9:30; Sun. 1:50, 3:45, 5:50, 7:50, 9:45; "Circle of the Sun," 1:30, 7:15, 9:10, Sun. 1:15, 3:15, 5:15, 7:20, 9:15.
EXETER — "Waltz of the Toreadors," 2:05, 3:50, 5:40, 7:25, 9:15.
FENWAY — "Summertime," 1:00, 2:35, 4:19, 6:03, 7:47, 9:31; "Little Spoon," 4:10, 5:54, 7:38, 9:22.
GARY — "Barabbas," evenings, 8:30; mats, Wed., Sat., 2:30; Sun., 2:30, 5:30.
HARVARD SQUARE — Wednesday, Review Day: "A Streetcar Named Desire," 1:45, 5:25, 9:15; "The Three Faces of Eve," 3:45, 7:40, Starting Thursday: "Best of Enemies," 1:55, 5:30, 9:10; "Damn the Defiant," 3:35 and 7:20.
KEITH MEMORIAL — Wed., "Aida," 11:20, 2:50, 6:20, 9:50; "Madam Butterfly," 9:30, 1:00, 4:30, 8:00; Oct. 25-31, "Lady and the Tramp," 9:30, 12:19, 3:55, 5:57, 8:20; Oct. 25-31, "Convicts," 11:30, 2:50, 6:10, 9:25, Sun. 2:35, 5:50, 9:10; "Frightened City," 10:10, 1:25, 4:45, 8:00, Sun. 1:10, 4:25, 7:45.
MAYFLOWER — "The Chapman Report," 9:30, 11:45, 2:05, 4:30, 6:50, 9:15; Sun. 1:15, 3:45, 6:15, 8:45.
MIT — Friday, "My Little Chickadee," Kresge Audit., 6:30, 9:00; Saturday, "Splendor in the Grass," Room 10-250, 5:15, 7:30, 9:45.
PARK SQUARE CINEMA — "Divorce Italian Style," 1:30, 5:30, 7:30, 9:30.
PILGRIM — "til Mon. "Sweet Ecstasy," 9:30, 12:30, 3:30, 6:30, 9:30; Sun. 1:00, 3:50, 6:40, 9:35; "Four for the Morgue," 11:05, 2:05, 5:05, 8:05; Sun. 2:20, 5:15, 8:05.
SAXON — "Requiem for a Heavyweight," 10:00, 11:35, 1:10, 2:55, 4:40, 6:25, 8:10, 9:35; Sun., 1:00, 2:45, 4:30, 6:15, 8:00, 9:45.
UPTOWN — "til Tues., "Lolita," 12:40, 5:00, 9:20, Sun. 1:00, 3:05, 9:15; "A Taste of Honey," 11:00, 3:15, 7:30, Sun. 3:25, 7:40.

Theatre Schedule

ACTOR'S PLAYHOUSE — "Gallows Humor," Tues.-Thurs., 8:40, Fri.-Sat., 7:30, 9:30, Sun. 8:40.
BOSTON UNIVERSITY THEATRE — "Beggars on Horseback," Oct. 25-27, 8:30.
CHARLES PLAYHOUSE — "Three Penny Opera," Tues.-Fri., 8:30, Sat. 5:30, 9:00, Sun. 3:00, 7:30.
HOTEL SOMERSET — Compass Improvisational Theatre, Tues.-Wed., 9:00; Thurs., 9:00, 11:00; Fri.-Sat., 9:00, 11:30; Sun., 8:00, 10:30.
LOEB DRAMA CENTER — "Blood Wedding," Oct. 25-Nov. 3, 8:30; no Sun. performances.
MIT DRAMASHOP — "Under Milk Wood," Oct. 27, Kresge Audit., 8:30.
SHUBERT — "Mikado," Oct. 29-31, no times available.
WILBUR — "Never Too Late," starts Oct. 29, opening night, 8:00, others 8:30; Wed. matinee 2:30.

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'Never Too Late' Opens At Wilbur; Stars Maureen O'Sullivan, Orson Bean, Paul Ford

Maureen O'Sullivan, Orson Bean, and Paul Ford will co-star in "Never Too Late," a comedy directed by George Abbot coming to the Wilbur Theatre. This new play, by Boston playwright Summer A. Long, starts October 29 here before going on to New York. The plot concerns a middle-aged couple who have a married daughter and son-in-law living with them. Performances will be evenings at 8:30 and matinee Wednesday and Saturday at 2:30.

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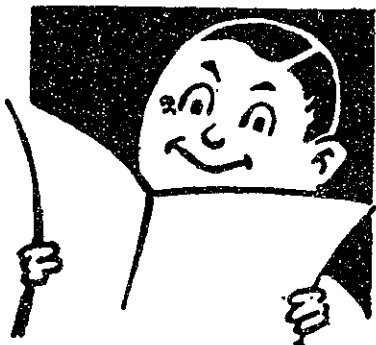
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music . . .

Concert Foreshadows Good Season

By David Morse

Last Saturday evening, the MIT Musical Clubs presented their annual Combined Concert in Kresge Auditorium. Each of the performing groups displayed the potential for an excellent season, and the level of competence was high throughout the evening.

The Symphony Orchestra, conducted by John Carley, opened the program with Brahms' "Tragic Overture," and the "España Rhapsody," by Chubrier. The orchestra this year boasts an expanded string section which handled the difficult Overture with more ease than the winds. In particular, the upper woodwinds had intonation and technique difficulties, and the lower brass were on the "muddy" side. The Rhapsody, a wind showpiece, was played accurately and well and indicated strength in all the sections. The coming Orchestra concerts should be well worth attending.

The Brass Choir, under the baton of Andrew Kuzdin, performed a suite of Five Pieces by Holborne, a late Renaissance composer. The sound seemed to flow effortlessly from the stage, although this is perhaps the most fatiguing of all brass music. This fatigue became noticeable toward the end when the intonation began to slip in the trumpets. The overall effect was pleasing, and



Andrew Kazdin directs the Brass Choir at the combined Musical Clubs concert.

one could only ask for a little more clarity in the lower lines to make the performance outstanding.

The Glee Club, conducted by Director of Music Klaus Liepmann, performed a varied group of selections, one with brass accompaniment. They seemed at their best on the group of folk-songs and the "Tarantella" of Thompson. If one criticizes the lack of enunciation, then one must also mention the good intonations and wide dynamic range displayed.

The Techtonians, a concert jazz ensemble, were led throughout a group of numbers by their director, John Schatz, a student. The Group has learned the numbers

well but lacked the spark needed to turn the organized sound into jazz. In general, the ensemble work was better than the individual efforts of the soloists, but the overall sound was good and the group will certainly "loosen up" as the season progresses.

Concluding the evening, John Corley led the Concert Band through a pair of numbers which demonstrated a good part of the capabilities of the modern symphonic band. The sound was precise and, in tune, and all sections displayed strength and confidence. This group was the most polished of the evening, and may well be one of the best bands in MIT's history.

Organists Perform

Four Recitals At Kresge

Four noted American and European organists will give recitals on the Holtkamp organ in Kresge Auditorium this year.

Performances will be: October 24, Heinz Wunderlich, organist and harpsichordist from Hamburg, Germany; December 5, E. Power Biggs; March 6, Andre Marchal, blind organist at Saint-Eustache in Paris; April 10, Michael Schneider, organist and teacher at the Hochschule fur Musik in Berlin.

Heinz Wunderlich is organist at the St. Jakobi Church, Hamburg; the church's organ was built in 1693. When Bach first became organist there, he wrote his "Fantasia and Fugue in G Minor" especially for that organ. Mr. Wunderlich will play this work along with Roger's "Introduction, Passacaglia and Fugue" and

works by Pachelbel, David, and Durlf.

E. Power Biggs will perform with violin, English horn, and oboe accompaniment in works originally written for combinations of these instruments. He will also play a solo group.

All performances will be at 8:30 p.m. Wednesday evenings. Series tickets will cost \$4, single tickets \$1.50. They will be on sale at the Kresge Box Office.

In addition to these main organ concerts, a series of ten recitals will be given on the Chapel organ.

The first two will be: November 4, John Fesperman, organist at Old North Church; December 2, Margaret Mueller, organist at Salem Academy and College, Winston-Salem, N.C.


They will be on Sunday at 4 p.m. These recitals are free.

Harvard Leads MIT In Alumni Gifts

Harvard alumni led the Massachusetts give-away game for the 1960-1961 period, according to the American Alumni Council. Gifts totaling \$12.9 million were received by Harvard University from 44,457 alumni. MIT was sec-

ond in total amounts received with \$6.9 million being donated by 12,600 graduates.

This means that Harvard alumni gave about \$291 per person as compared to \$547 per person for MIT.



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Producers Won Pulitzer

'Under Milk Wood' to Play in Kresge



Jose Quintero

"Under Milk Wood," by Dylan Thomas, will be presented for one night, October 27, at Kresge Auditorium at 8:30. This play is a lyric comedy-drama of life, love, and dreams in a Welsh seacoast village.

Under the auspices of the MIT Dramashop Celebrity Series, this will be the first Boston showing of this Jose Quintero-Theodore Mann production.

The team of Quintero and Mann has offered in the past such plays as the Pulitzer Prize-winning "Long Day's Journey Into Night" and "The Iceman Cometh" by Eugene O'Neill, and "Summer and Smoke" by Tennessee Williams. Currently they are presenting two cycles of Wilder plays under the general titles of "The Seven Deadly Sins," and "The

Seven Ages of Man."

Jose Quintero, a native of Panama who came to this country to study medicine, has received several awards for direction. He won the Vernon Rice Memorial Award for "The Iceman Cometh" and the Antoinette Perry Award for "Long Day's Journey Into Night." He has directed productions of "Cavallerie Rusticana" and "Pagliacci" and the Metropolitan Opera, as well as works at the "Festival of Two Worlds" in Spoleto, Italy, "Medea" in Monte Carlo, and the film, "The Roman Spring of Mrs. Stone."

Mr. Mann, who began as a lawyer, helped to found the Christmas Eve Concert at Carnegie Hall as well as co-producing 35 plays in New York.

movies...

"Requiem" Genuinely Human Tragedy

By Charles Foster Ford

The fight-game is a dirty racket, but there are still a lot of people involved in it. What if our story concerned a group of people, no less decent than the average, in this corrupt setting? The result would be a tragedy almost as sad and inevitable as those of the Greeks. "Requiem For A Heavyweight" at the Saxon is just this sort of picture.

The movie trades on the audience's familiarity with prize-fight pictures. The action is brief, and all of it takes place after Mountain Rivera's last and thoroughly unsuccessful fight in St. Nicholas Arena. The settings are seedy hotel-suites and noisy bars, filled with inarticulate nostalgia. The impression created throughout is that this is the human truth behind all the other superficial melodramas.

So long as this fresh interest in human truth is kept alive, "Requiem For A Heavyweight" is a moving, revealing experience. When the pace lets up, however, even for an instant, the basic sentimentality of the film, and heavy borrowings from its predecessors, show through its promising surface.

Mountain Rivera, at the height of his ring career, was rated fifth best heavyweight fighter.

REQUIEM FOR A HEAVYWEIGHT
— Presented by David Susskind; production designed by Burr Smidt; written by Rod Serling; directed by Ralph Nelson; at the Saxon Theatre.

CAST
Mountain Rivera ... Anthony Quinn
Amy ... Mickey Rooney
Miche ... Jackie Gleason
Miss Grace Miller ... Julie Harris

But the qualities that made him a success as a fighter, his size, his weight, his strength and stamina, his fight-savvy, his scarred face, are little use to him in retirement.

Anthony Quinn has filled out this character with the pride, the dignity, and the depressing self-awareness of an aging man out of work. His grimace of a smile, his hoarse, strained voice which seems unused to communicating in words, his explosions into anger when insulted, add to a portrait of genuine pathos. But, once or twice, he appears to the veteran moviegoer like the ancient strong-man from "La Strada," who has stumbled onto the wrong set.

The other principles haven't played roles so easily compar-

able. The handler, Army, is a surprising little characterization by Mickey Rooney. The little old man serves as father for Mountain, and as a quiet but unhappy conscience for Miche. Julie Harris plays an unemployment officer who reacts to Mountain as a human being. She finds the person buried in him, but finds it too late to do him any good.

Jackie Gleason has perhaps the most difficult role in the picture. Miche the manager is a dealer in flesh whose only asset is a has-been heavyweight, but whose debts constantly prevent him from a decent behavior. Both aspects of the character are perceptively played, though closeups of Gleason in a moustache are inevitable reminders of his old comic character, Reggie Van Gleason III.

There are other lapses into the familiar, these the fault of the director... or perhaps the production designer, it's a tossup which. Mountain, after his first "date" with a non-prostitute, capers down the street much as "Marty" did in a similar situation. When Mountain loses, but in the ninth and not the second round, his manager is "leaned on" by gamblers; the scene is a steal from "Champion."

The total effect of this film is genuinely human tragedy, regardless of details. Mountain's decision to sell his soul to a wrestling promoter... to save Miche's body... is a bad thing for good reason. As with the Greeks, the only compromise possible with life is a tragic one.

ASTM Builds Anew; Prof. Dietz Is Head

The ground-breaking ceremony for the new \$2,100,000 headquarters building of the American Society for Testing and Materials was held in Philadelphia October 16. The new four-story building, consisting of 65,000 sq. ft., is expected to be completed by December 18, 1963.

Prof. Albert G. H. Dietz (Civil Engineering) is Director of ASTM.

MIT Players Give 'Hairy Ape'



In the final scene of Eugene O'Neill's "The Hairy Ape," Yank (George Foster) faces the ape whose shadow, both literally and figuratively, engulfs him and his life. The play was presented by the MIT Community Players in Kresge, October 18-20.

—Photo by Boyd Estus

Forum On Integration

Martin Luther King Speaks

Reverend Martin Luther King will speak tonight at the Harvard Law School Forum.

The program is entitled "The Future of Integration" and, in addition to King, Harvard Law Professors Mark DeWolf and Paul M. Bator will speak.

The program will be moderated by Harvard University Professor Paul A. Freund and will be in Sanders Theatre, (Memorial Hall) located at intersection of Cambridge and Kirkland Streets, near Harvard Square, at 8:30 p.m. Tickets cost \$1.00.

The Reverend Doctor King is pastor of Ebenezer Baptist Church of Atlanta, Georgia, and was formerly pastor of the Dexter Avenue Baptist Church of Montgomery, Alabama.

He was born on January 15, 1929, in Atlanta, and received his B.A. from Morehouse College in Atlanta in 1948.

He received his B.D. from Crozer Theological Seminary in Chester, Pennsylvania in 1951. In 1955, Doctor King received his doctorate from Boston University. He has been one of the leaders of the non-violent movement towards integration.

Edgeworth Scholarship Offered In Competition

The House of Edgeworth Scholarship Contest has opened for its third annual competition. The program offers awards for the three best marketing programs designed to sell Edgeworth pipe tobacco to the young men's market.

The awards consist of three cash prizes of \$500, \$300, and \$200 along with publicity in national trade publications. The winners are judged by a panel of three marketing and advertising men on the basis of originality and actual merchandising value.

Competition is open to any student enrolled in marketing and advertising courses.

WTBS Schedule

SUNDAY: 5:00 p.m.—News 5:05—Folkside 6:30—Jazz by the Seven Sons of Harvard 7:00—Music at M.I.T. 8:00—Boston Arts Festival 1962 9:00—News 9:05—Classroom Concert 12:00 p.m.—Jazz at Midnite 1:00 a.m.—News 1:05—Sign Off THURSDAY: morning: same as Mon. 6:00 p.m.—Tempo 7:00—News 7:05—'Round 'Round 8:40—Limelette Review 9:00—News 9:05—Masterworks 12:00 p.m.—Jazz at Midnite 1:00—News 1:05—Sign Off FRIDAY: morning: same as Mon. 6:00 p.m.—Tempo 6:50—News 7:00—Jazz Special 9:00—News 9:05—Nite Owl (Music by telephone request—Kirkland 7-7862) 2:00 a.m.—News 2:05—Sign Off SATURDAY: 3:00 p.m.—Rock and Roll Memory Time 5:00—News 5:05—Jazz Spotlite 7:00—News 7:50—Departures in Music 9:00—Folk Music from Club 47 (broadcast live) 10:00—News 10:05—Nite Owl (Music by telephone request—Kirkland 7-7862) 2:00 a.m.—News 2:05—Sign Off	MONDAY: 7:30 a.m.—Rise and Shine 8:00—News 8:05—Rise and Shine (cont'd) 8:45—Sign Off TUESDAY: 6:00 p.m.—Tempo 6:50—News 7:00—The John C. Heine Show 9:00—News 9:05—Masterworks 12:00 p.m.—Jazz at Midnite 1:00 a.m.—News 1:05—Sign Off WEDNESDAY: morning: same as Mon. 6:00 p.m.—Tempo 6:50—News 7:00—The Barry Douglas Show 8:45—Jazz from Canada 9:00 p.m.—News 9:05—Masterworks 12:00 p.m.—Jazz at Midnite 1:00—News 1:05—Sign Off THURSDAY: morning: same as Mon. 6:00 p.m.—Tempo 6:50—News 7:00—The John C. Heine Show 9:00—News 9:05—Masterworks 12:00 p.m.—Jazz at Midnite 1:00—News 1:05—Sign Off FRIDAY: morning: same as Mon. 6:00 p.m.—Tempo 6:50—News 7:00—Jazz Special 9:00—News 9:05—Nite Owl (Music by telephone request—Kirkland 7-7862) 2:00 a.m.—News 2:05—Sign Off SATURDAY: 3:00 p.m.—Rock and Roll Memory Time 5:00—News 5:05—Jazz Spotlite 7:00—News 7:50—Departures in Music 9:00—Folk Music from Club 47 (broadcast live) 10:00—News 10:05—Nite Owl (Music by telephone request—Kirkland 7-7862) 2:00 a.m.—News 2:05—Sign Off
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movies...

Dassin's "Phaedra" Shallow, Overdramatic

By Gilberto Perez-Guillarmio

A strange woman uttering sinister predictions, a "chorus" of Greek women crying, a shipwreck as an outcome of Fate, a diamond ring sacrificed to the gods: these devices represent the director's effort to build classical tragedy on melodrama. Notwithstanding favorable reviews in the daily press, I thought "PHAEDRA" a shallow, overdramatic and sometimes ludicrous piece of cinema.

There are some impressive scenes. The first love sequence is brilliant: the lovers staring in intense rapture, flames and glowing flesh expressing the consummation of their passion. A meeting by the Aegean sea is also effective: Phaedra resting, the atmosphere calm, then the ominous eclipse of the sun by Alexis' shadow and the shock of recognition.

The trouble with the film seems

PHAEDRA: produced and directed by Jules Dassin; screenplay by M. Dassin and Margarita Liberaki; photography by Jacques Natteau; music by Mikis Theodorakis; original scenario by Miss Liberaki. At the Beacon Hill theater, opposite Parker House. Running time: 115 minutes.

THE ACTORS

Phaedra Kyrilis ... Melina Mercouri
Alexis Kyrilis ... Anthony Perkins
Thanos Kyrilis ... Raf Vallone

to lie, however, in director Jules Dassin's failure to convey states of mind. His previous successes were melodramatic ("Rififi") or philosophical ("He Who Must Die"); "Phaedra" is a film of conflicting feelings. M. Dassin never manages to show Phaedra's discontent with her husband: she is merely somewhat annoyed by his absences. He even fails in the opening scene, when Kyrilis looks more a circus master than a shipwrecking magnate. The characters are very superficial: there is no psychological insight into their actions. Alexis' death scene is ludicrous, and its morbid humor clashes unpleasantly with the (supposedly) sternly tragic ending.

"Phaedra" is made up of generally unconnected and frequently irrelevant scenes. Languages and accents are mixed in an uncovincing dialogue, and an analysis of who speaks what in which language would reveal some unpleasant inconsistencies. The unimaginative and mundane use of the Greek setting detracts from the dramatic and Greek unity of the film. Miss Mercouri's histrionic and visual qualities seem wasted in a mediocre script (she was so much better in that Greek film, "Stella"). M. Dassin excels only in the melodramatic, but this is perhaps the antithesis of a great tragedy. He makes extensive use of the close-up, although he has never mastered it. The talent invested in this film could have been better employed elsewhere.

'Blood Wedding' Opens At Loeb Tomorrow

Federico Garcia Lorca's play "Blood Wedding," opens tomorrow night and will run through November 3, at the Loeb Drama Center, Harvard.

With a cast from the Kirkland House Drama Society and Harvard Dramatic Club, this student production is directed by Nicholas Delbanco.

Symphony Concertmaster Has Accepted BU Position

Richard Burgin, associate conductor of the Boston Symphony Orchestra, has accepted a musical post at Boston University since his retirement from 42 years as concertmaster of the Symphony. He will conduct his first concert November 15 with the student symphony of the School of Fine and Applied Arts.



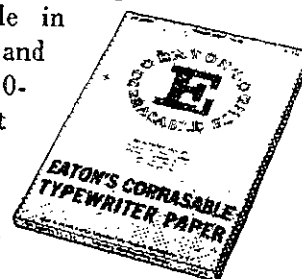
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Equipment Utilization Key To Successful Airlines

Melvin A. Brenner, vice president of American Airlines, spoke on airline scheduling at the interdepartmental Flight Transportation Seminar October 11.

Mr. Brenner explained that an airline's success depends on getting the maximum use from its equipment. The schedule planner's job is to coordinate the operating, sales, and personnel departments of the airline to produce an efficient schedule.

He tries to outguess the competition and maximize profits while keeping the needs of the passengers clearly in his mind.

The weather, type of equipment available, flight crew regulations, and airport and gate openings are all limiting factors which the planner must take into consideration.

Mr. Brenner stressed the sensitivity of flight schedules, saying that even slight variations in departure time could mean a severe loss in revenue to the airline.

As an example, he said, that if American lost ten round trip transcontinental jet passengers per day, the company would lose about a million dollars a year.

The operational cost of a flight increases only slightly as the number of passengers increase on any one flight, but net income jumps with each additional passenger.

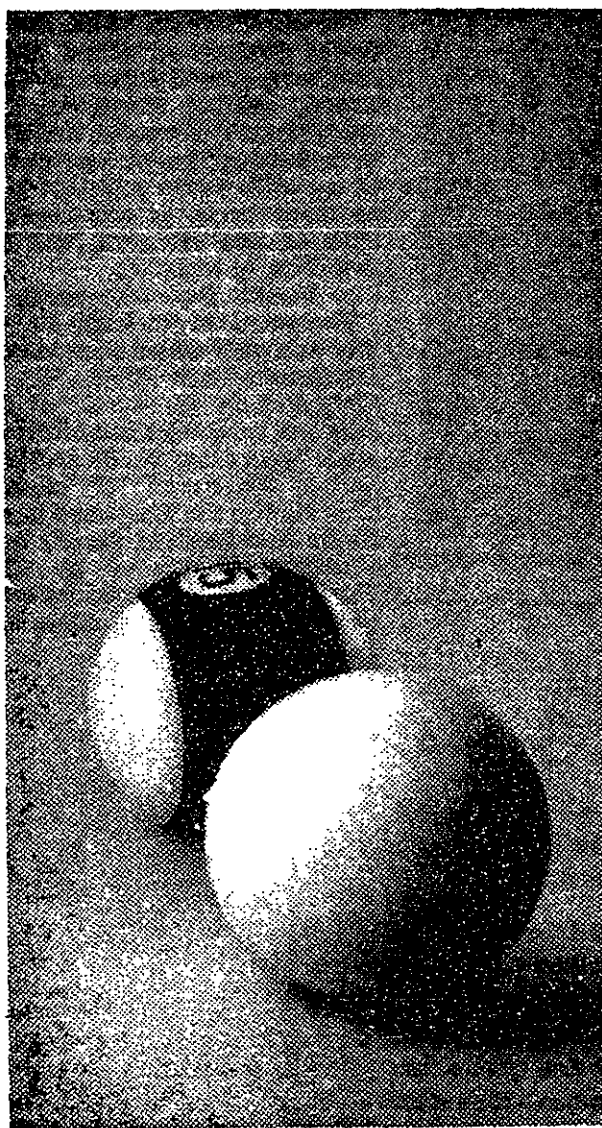
The jet transition is another problem for the schedule planner. Jets are faster than conventional aircraft and it takes more passengers to fill them. Also, many airports are not equipped to handle the bigger planes and consequently cannot be included in jet flight schedules.

The introduction of the jet has necessitated changes in almost every part of the company's schedule.

Mr. Brenner has had experience in air transportation management in both private business and in government. He helped formulate the International Civil Aviation Board while serving on the Civil Aeronautics Board.

He has also been a consultant to the Under Secretary of Commerce for Transportation, Bureau of the Budget, and served in the Department of Commerce.

Brenner joined American Airlines in 1955 and successively served as manager of route development, manager of schedule planning, director of schedule planning and forecasting, and, finally, vice president for schedules and equipment utilization.



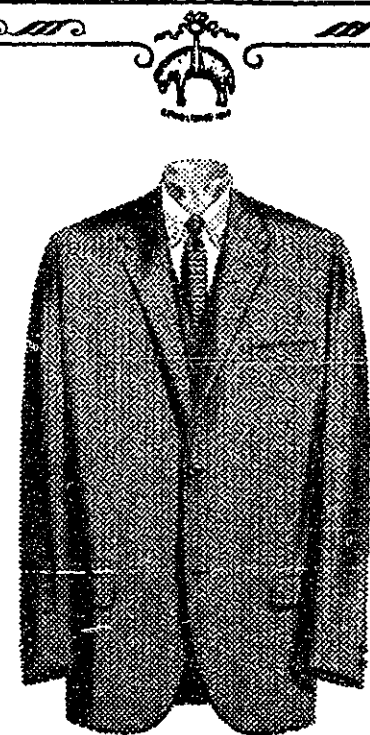
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MIT Poetry Series To Feature Leverton In First Program

The MIT Poetry Series will begin this year's program with a reading by Denise Leverton, on Thursday, November 8. The reading will be held in the Library Lounge.

This is the second year for the poetry series, which is sponsored by the Department of Humanities. In it, modern poets, some well-known, others just beginning to make a name for themselves, read selections from their works, both published and new, to MIT audiences.

Last year's program included readings by James Merrill, David Ferry, and T. Weiss. A special feature of the program occurred when John Holmes, Anne Sexton, Maxine Cummin, and Sam Alberts, four well-known local poets who often work together, were brought together for an evening of criticism of their new works. Each wrote a poem "for the occasion;" these poems were then subjected to the analysis of the other members of the group to aid the author in completing it.

Admission to all of the reading is free.

Alpert Proposes Subsidies For "Sick" Railroads

George Alpert, Chairman of the Board of the New Haven Railroad, gave his views on "Management Problems in a Regulated Industry" Wednesday, October 17. Mr. Alpert, former president of the same railroad, spoke on the problems of railroad management in this lecture sponsored by the Industrial Management Society.

The troubles of the railroads are many, Mr. Alpert said, but he doubted that these problems would be solved by industrial dynamics. The problems, he went on, are those of "political dynamics" and can only be solved by a complete revision of the "archaic regulations and inequities." Mr. Alpert, who has been described as a "socialist" and "an advocate of nationalized railroads," denied flatly that he or most anyone else desired the nationalization of the railroads. But he added that, "Nationalization is inevitable if discriminatory barriers are not removed." Subsidization is part of a solution offered by Mr. Alpert.

Fifty to seventy-five years ago, Mr. Alpert noted, railroad presidents were tycoons and railroads, monopolies. With the advent of interstate commerce laws and

the Interstate Commerce Commission all of this was changed. The railroads were not allowed to raise or lower rates without the permission of various regulatory bodies, nor were they allowed to discontinue uneconomical production as can unregulated industries. "These regulations were designed to regulate monopolies in a time when the railroad was the principal form of transportation," continued Mr. Alpert.

Loss of Revenue

The railroads have thus lost much of the freight which they were carrying to other forms of transportation such as trucks, barges, and airplanes. The eastern railroads lost together a total of \$100 million in freight to other means of conveyance in 1961.

Senator Smathers of Florida in one study of the railroad problem asserted that the railroads are in "sick and precarious times." Others have called the railroads "the unsubsidized sick man of American Transportation." But the studies have brought nothing new into the light. "The railroads are being studied to death," stated Mr. Alpert.

Mr. Alpert showed how the railroads are forced to compete with unregulated and often subsidized competition and must labor under unequal taxation. The competition, which can cut prices at will, cost the railroads almost \$500 million passenger revenue loss in 1961.

The loss in passenger revenue hurts the railroads greatly, Mr. Alpert stated, especially the eastern railroads where passenger income accounts for a much larger per cent of the total receipts than in other parts of the country. The Santa Fe Railroad which last year lost \$40 million in passenger revenues was able to make up this difference with \$100 million profit in freight revenues. But in eastern railroads, where the passenger rates account for 20 to 45% of the total receipts, this deficit is hard to overcome.

The Fare Increase

Yet the railroads do not want to abandon passenger service, Mr. Alpert added. They would like to charge a fare that is compensatory, but it was found that the public would refuse to pay the subsequent increase in fares. All other public transportation means avoid this inevitable fare increase by government subsidy. Subsidization might be the answer to the railroads' passenger problem, Mr. Alpert continued.

Losses in freight gross have also plagued the railroads. In 1957 the New Haven was able to gross \$94 million, but in 1958 when the Connecticut Thruway was opened the gross had shrunk to only \$81 million.

Mr. Alpert favored subsidy as the solution to the problems of the railroad. He said that although mergers might tend to forestall the failure of many railroads, the ultimate end will be the same. He pointed to the subsidies in highway construction and in the development of jet airliners, in the construction of air terminals, and in traffic control systems for airliners. The railroads would like to have at least equal subsidies.

Tax Discrimination

Discrimination in taxes also hurts the railroads. The Logan Airport which cost the people \$500 million in tax revenues pays no taxes at all. The South Station, built by railroad investments, pays \$1,250,000 in taxes yearly.



George Alpert, Board Chairman of the New Haven Railroad, speaks to the Industrial Management Society. — Photo by Conrad Grundlehner.

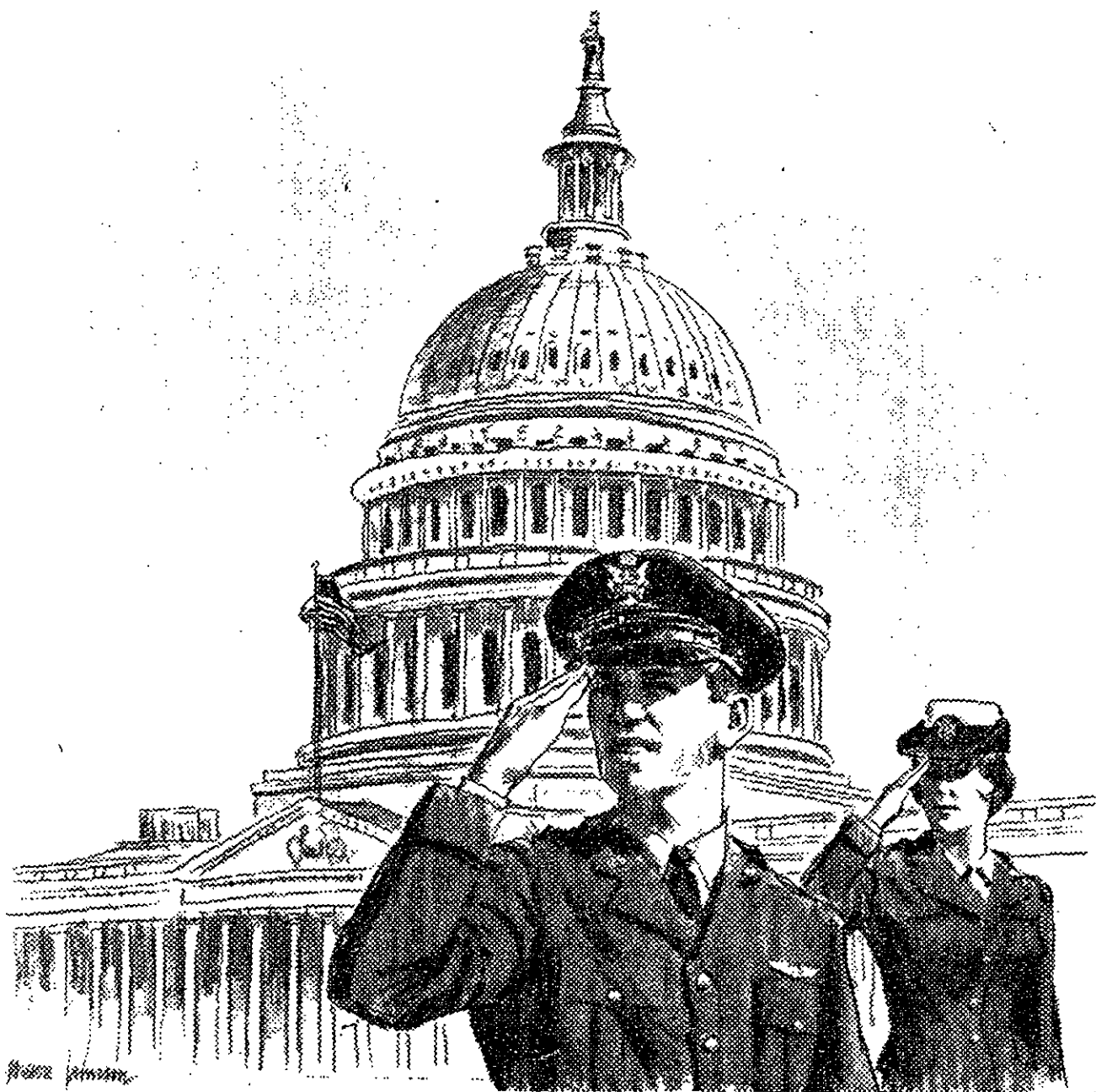
Mr. Alpert noted also that the State Department spent \$500 million for upgrading the nationalized railroads of Ceylon, Italy, Spain, and Yugoslavia. He asked about upgrading the American railroads through subsidies. All the railroads ask is for "equality of enterprise," he stated.

This lecture was the first in a series to be presented this term by the Industrial Management Society on the various problems of management and industrial dynamics.

Fuertes' Bird Paintings Now At Science Museum

Bird paintings by Louis Fuertes (1874-1927) are being shown in the Washburn Gallery of the Museum of Science.

They are part of his "Birds of Massachusetts and other New England States" collection, most birds appearing in their natural backgrounds.



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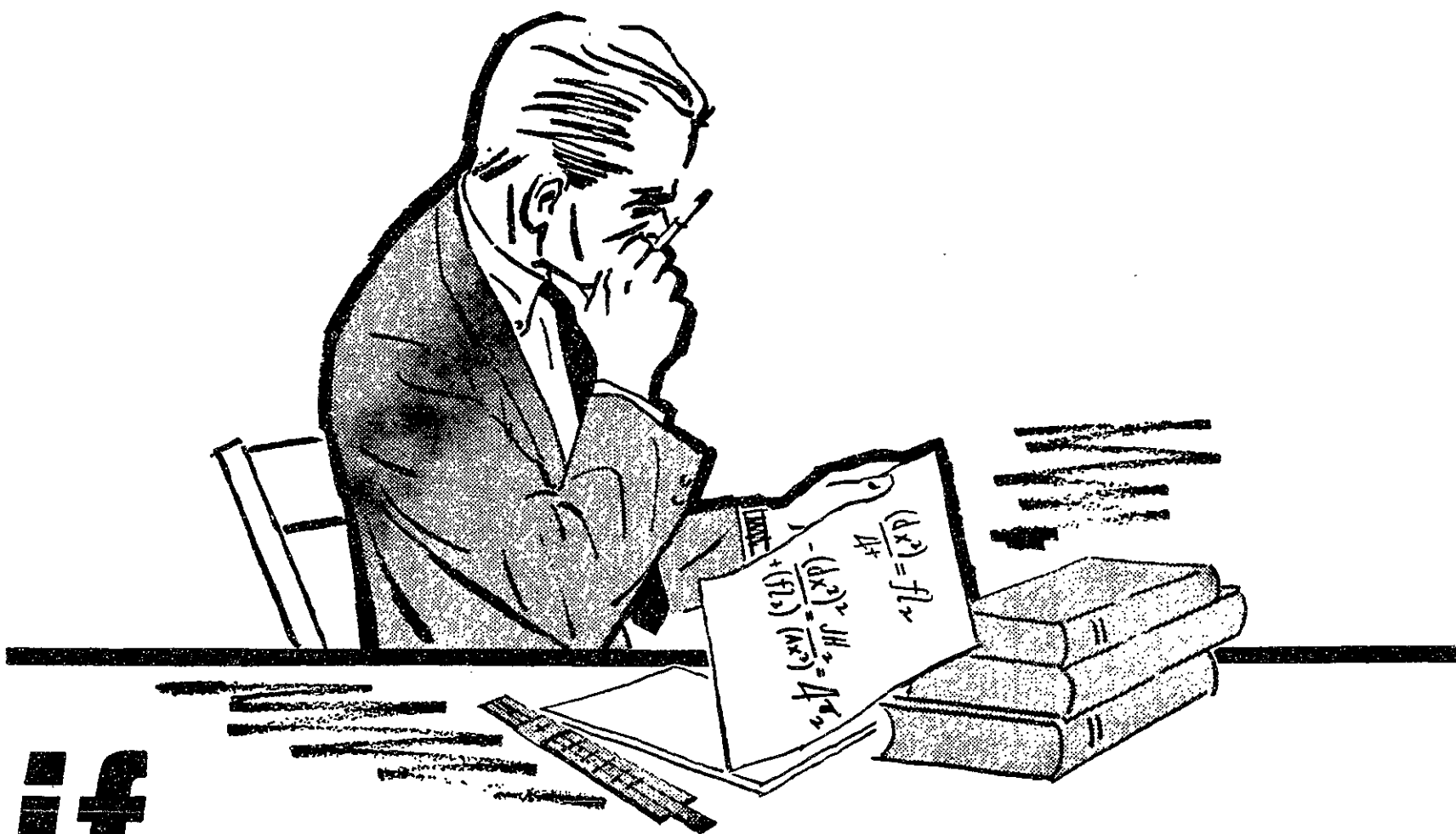
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Inscomm Newsletter Editorial Policy Clarified

(Continued from page 1)

amendment to (1) make the officers of the Junior Class full voting members of the Junior Prom Committee, with the president of the Junior Class serving as committee chairman and (2) credit profits and losses resulting from the Prom to the Junior Class treasury. Speedy approval of this amendment seemed likely, in view of the fact that it legalizes an already existing tradition. However, some astute Inscomm members noticed that the Junior Prom Committee is presently elected in November immediately following the Prom, whereas the president of the Junior Class is not elected until March. They suggested a postponement of the November elections until March, and refused to vote on the original amendment until some clear policy as to the date of election was established, and a lively and heated debate as to the relation between the Junior Class president and the J.P. Committee ensued. After an hour of clarification and controversy, the amendment was adopted by a unanimous vote.



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ON-CAMPUS INTERVIEWS NOVEMBER 8, 9

Please contact your College Placement Officer for an appointment. If you are unable to attend the interview, write to: J. J. Krajovic, Director, College Relations, Martin Company, Baltimore 3, Maryland.

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In Chapel Sunday**Rev. Bloy Writes On "Jazz Mass"**By The Rev. Myron B. Bloy, Jr.
Episcopal Chaplain At M.I.T.

This coming Sunday, at their regular service in the MIT Chapel at 10:45 a.m., the Protestant Christian congregation will sing their praises accompanied by a jazz combo. This so-called "Jazz Mass" (officially "The 20th Century Folk Mass") was written by English clergyman Geoffrey Beaumont; the MIT combo that plays it is made up of students Jerry Borrevick '64 (piano), Jim Bohannon '66 (trombone), and Dave Kettner '65 (drums). Needless to say, the very idea of singing jazz versions of Psalm, Kyrie, Sanctus, Lord's Prayer, Agnus Dei, Gloria in excelsis, and Hymn horrifies both the religious and musical traditionalists at first, but the MIT congregation which has sung the Jazz Mass several times in the last two years has found it a surprisingly appropriate means of restoring the real meaning of worship.

I think the best way of illustrating the profound appropriateness of jazz as a vehicle for worship is to tell the following story from the Old Testament (2 Samuel 6). While the sacred ark of the Lord was being returned to Israel after it had been won back in battle from the Philistines, "David and all the house of Israel were making merry before the Lord with all their might, with songs and lyres and harps and tambourines and castanets and cymbals," but "as the ark of the Lord came into the city of David, Michal the daughter of Saul (and David's wife) looked out of the window, and saw King David leaping and

dancing before the Lord; and she despised him in her heart." Later, when David returned to bless his own household, Michal greeted him with sarcastic bitterness for thus demeaning himself before the common people. David replied to his wife, "It was before the Lord, who chose me above your father, and above his house, to appoint me as prince over Israel, the people of the Lord—and I will make merry before the Lord." The writer then significantly adds, "And Michal the daughter of Saul had no child to the day of her death."

This story has the single-purposed clarity of a parable: the thanksgiving joyfulness of the king who abandons himself unself-consciously to the praise of the Lord is sharply contrasted to his bitter wife who is bound by her social pride and thus blinded to the glory of the Lord, her sterility being simply the physical sign of her spiritual lifelessness.

Our congregation can see in this Old Testament story a peculiarly relevant word which we must listen to: we can either assert, in the spirit of David, "I will make merry before the Lord!" and thus reveal in our life and worship our belief in the good news of the world found, of life triumphant over death—or we can, as Michal did, despise (and secretly fear) such joyful abandonment to the Lord because of our anxiously self-conscious puritanism, and thus reveal in our worship and life the pious gloom of the world lost, of life imprisoned in religious propriety (And what fruit would we bear?).

I am, of course, using this story as an *apologia* for the Jazz Mass: this music is doubtless no better to a professional musician than David's spontaneous dancing was to the trained choreographers of his time, but it is music which, like David's dancing, is an honest rendering of the real "folk" world in which most of us live our real lives, and it expresses a sense of freedom and joyfulness very difficult for most of us to appropriate in the usual musical genres of the Church; thus, this music is not only adequate, but it enhances the earthly concreteness and the thanksgiving joyfulness which will always characterize the Church's self-offering in worship when it is true to its own nature. In other words, our congregation believes that we gather together in the Chapel to offer to God not our "religious" selves especially got up for occasions of public worship, but our selves in solidarity with the real world, and we are offering our selves, not in stylized propriety, but in the joyful freedom of people who believe themselves to be found.

One final comment. People outside the MIT community often suggest to me (usually in pitying tones) that it must be difficult for a congregation of the Church even to exist in a place like MIT. But, in fact, the exact opposite is true: it is precisely the freedom from a sentimentalized past, the readiness to experiment boldly in the interests of truth, the openness to change so characteristic of MIT that leads us to reassert, in the music of the Jazz Mass, crucial qualities of the Church's life long buried under the weight of dead custom.

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**BELL TELEPHONE COMPANIES****Military Engineers Tour
St. Lawrence Seaway**

Members of the MIT student chapter of the Society of American Military Engineers toured the St. Lawrence Seaway this weekend. Eighteen students, with two faculty advisors, were flown by the U.S. Air Force to Massena, New York, after classes on Thursday, October 11, and returned early Saturday afternoon.

The group toured the 45-mile International Rapids Section of the Seaway by chartered bus on Friday. In this section, vessels are raised or lowered, 90 feet, by a system of locks and dams.

The Society observed the Eisenhower, Snell and Iroquois locks during their locking operations. At the Robert Moses Power Dam, the students inspected the American and the Canadian generating stations.

THE
COOP

Annual Meeting

The annual meeting of the membership of the Harvard Cooperative Society, in accordance with Article XIV of the By-Laws, will be held in . . .

Harvard Hall 1
Wednesday, Oct. 24, 1962
5 p.m.

Members who have joined since July 1, 1962 are Participating Members and are cordially invited to attend.

THE
COOP

College World

'Florida Alligator' Takes Picture, Printer Calls In Treasury Agent

Students at the University of Florida pay \$14.50 per tri-mester as a student activities fee. This amount, as small as it may be, caused more than its share of problems for the school's newspaper, *The Florida Alligator*.

The newspaper was printing a story on the student activities budget and decided to supplement the story with a photo. Since money provides a graphic example, it was suggested that real currency (\$14.50 of it) be used for emphasis.

Then the problems arose. *The Gator* was aware that it is illegal to reproduce pictures of money, but thought that the law did not apply if the picture was obscured or partially covered. Subsequently it drew heavy lines through the photograph and sent it on to the printer.

The printer, however, when it came across the photo was not quite so sure of its legality and called a U. S. Treasury agent for advice. The agent quickly (5 a.m.) arrived at the printing shop, confiscated all the copies of the newspaper that had already been printed with the picture in it, took the photo (and ordered that the picture be obliterated on the plate. Furthermore, an agent later showed up at the newspaper office to collect the photographic negative.

According to the Executive Secretary of the Board of Publications, no charges will be preferred against *The Alligator*.

Petition Against Fraternity

Fraternities, like newspapers, often have their

problems. An entire city block has protested the night-time activities of a University of British Columbia fraternity house, in Vancouver.

This protest, in the form of a petition, was aimed at the Delta Upsilon Fraternity House. It asked the city council for an investigation of a multiple-occupancy by-law infraction. It also protests the use of the property as "a house of entertainment."

Neighbors charged that the fraternity house is the scene of repeated "wild and reckless" all-night parties. One person said he called police but no action resulted. An elderly lady living a short distance away complained of being forced to take sleeping pills because of the noise at night.

Other neighbors said they were tired of picking up beer bottles strewn all over their property after all-night drinking bouts. Nearby residents objected to young girls entering the house after midnight and sometimes as late as 5 a.m. They added that they had tried to tolerate the fraternity disturbances for the past eight years, but were running out of patience. The man who circulated the petition said everyone was glad to sign.

The manager of the fraternity house said that fraternity members were not responsible for the bottle-throwing incidents or wild parties. He attributed the trouble to six university students who had rented the house from May to the middle of September.

DKE's In Trouble At RPI

One of the fraternities at Rensselaer has incurred the wrath of RPI's Interfraternity Council. During last year's Senior Week two members of Delta Kappa Epsilon caused \$1000 damage to their house. This incident was the culmination in a series of events which prompted the DKE Alumni Trustees to request that the fraternity not be permitted to use their house for a period of one year.

The case was turned over to the IFC Executive Committee, which not only granted the Alumni Trustees' request, but also put the fraternity on social probation with loss of all rushing privileges.

In addition, the IFC requested that DKE pay all back debts and outline a plan for financial stability, be able to fill their house completely in the fall of 1963, and submit a letter of intentions.

New Grading Policy Proposed

Have you ever felt that you should have had an 'A' in a course in which you got a 'B'? Then perhaps Western Reserve University is the school for you. Students there have taken steps to insure themselves of a voice in the formation of the University's educational policy. Under urging of the Dean of Students, the Student Educational Policy Committee (SEPC) has been formed to "promote the formation of an atmosphere of respect for knowledge and eagerness to learn (as opposed to a 'grade pressure') . . . (and) to bring the faculty and student body together.

The first major proposal of SEPC was the abolishment of the ABC-system of grading to favor of a two-grade system—pass or fail. In this way, SEPC hopes to eliminate the tendency of pursuing a grade rather than an education. The Western Reserve administration is now giving serious consideration to this suggestion.

MIT's Student Committee on Educational Policy (SCEP) discussed the same proposal last year but rejected it as unfeasible. Richard Stein, chairman of SCEP last year, wrote in a report: "Graduate schools require grades, companies want grades, students want some idea of how they are doing in comparison to others and in comparison to what the Institute expects of them."

Revision Of Requirements

Students have also been influential in shaping curriculum revisions at Mount Holyoke. As a result of a proposal by the student Curriculum Committee, Mount Holyoke has adopted a four-course system, effective next fall. Each student will attend four class hours for each of four courses per week.

ME, EE, AE ENGINEERS



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Hamilton Standard

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(Please turn to page 15)

Expelled Newsman

Bassow Relates Recent USSR Change

By Robert Davenport

Whitman Bassow, the former American correspondent in Moscow who was expelled from Russian soil last August, spoke at a Lecture Series Committee presentation, October 16, in Kresge Auditorium. He discussed the Soviet Union as he came to know it during his five years in Moscow.

According to Mr. Bassow, Russia today is a society that is making great strides, but one that is also creating grave internal problems. The USSR is changing more rapidly than the U. S., but these changes are not solving all the problems that communism is creating. In fact the Marxist goals are suffering. As the Russians have developed industrialization and have raised living standards, they have begun to enjoy the luxuries of life. Commercial appliances are becoming more common. The more they have the more they want. People in the USSR for the first time in history are living relatively well. They appreciate the fact of better living and they are not willing to give up their newly won conveniences.

Consequently, they are becoming less willing to carry communism throughout the world if the threat of war is present as it is today. Individual attitudes in the USSR are lacking in the initiative to sacrifice for communism. The attitude is to let the other fellow sacrifice for the state. Every person seems to be wrapped up with the problems of attaining security, a family, and more money. The people are now less concerned with the state than in years past. Fatal apathy in foreign policy is becoming common. The people are concerned only with the domestic problems of high prices and of the quotas which must be met.

Apathy in education is not evident. However, the people are objecting to the burden of today's schools on Russian children. Complaints of too much homework are common. Russian scientists are deeply concerned over the school situation. They claim that schools produce machines that can do no original thinking.

The communist concept of specialization from age fourteen is losing support from all fields. Russian parents want their children to go to college whether or not the state agrees. The parents of children who are not accepted for college work feel slighted and burdened with having to support

those children that are accepted to enter college.

The theoretically classless society is developing into a multi-class system. There is an ever widening gap between the rich and poor. Resentment is constantly breeding between the two factions. Now that there is a genuine relaxation of restrictions and increased liberalization, the will of the people is being felt by the government. The masses are speaking more openly against the pampered, wealthy professional class. The people constructively criticize the governmental operation of favoring the people's will and the prestige of world leadership.

As dismal as the picture seems, the Russians are not a dissatisfied people. They are now beginning to reap the harvest of the revolution of 1917 and they want to reap more. They realize that communism has drastically raised their standards of living. Consequently, they are willing to stand by the state in time of need and to fight to the end for it. Russians are patriotic. The Russian threat is a potent danger that cannot be overestimated. America must remain on the rise in order to match the Russian accomplishments.

Mr. Bassow emphasizes that today the U. S. is number one in the world, but our lead is diminishing. In order to remain number one we must advance at a rate much greater than we are accustomed. We must, he says, be willing to sacrifice for America as the Russians have done in the past.

For the past two years Mr. Bassow had been chief of the "Newsweek" staff in Moscow. Prior to this he spent three years from 1955-1958 in the U.S.S.R. as a U.P.I. correspondent. In 1958 he ended his career with UPI and returned to America to study under the Carnegie Press Fellowship which he was awarded for his outstanding work in Russia for UPI. In 1959 he joined CBS and remained in America until 1960 when he joined the "Newsweek" staff whereupon he was immediately stationed in Moscow.

The Lecture Series Committee presents
William F. Buckley, Jr.
Editor of "The National Review"
A Conservative views the fall of the West.
WEDNESDAY, OCTOBER 31, 1962
MIT — Kresge Auditorium
Eight o'clock p.m.



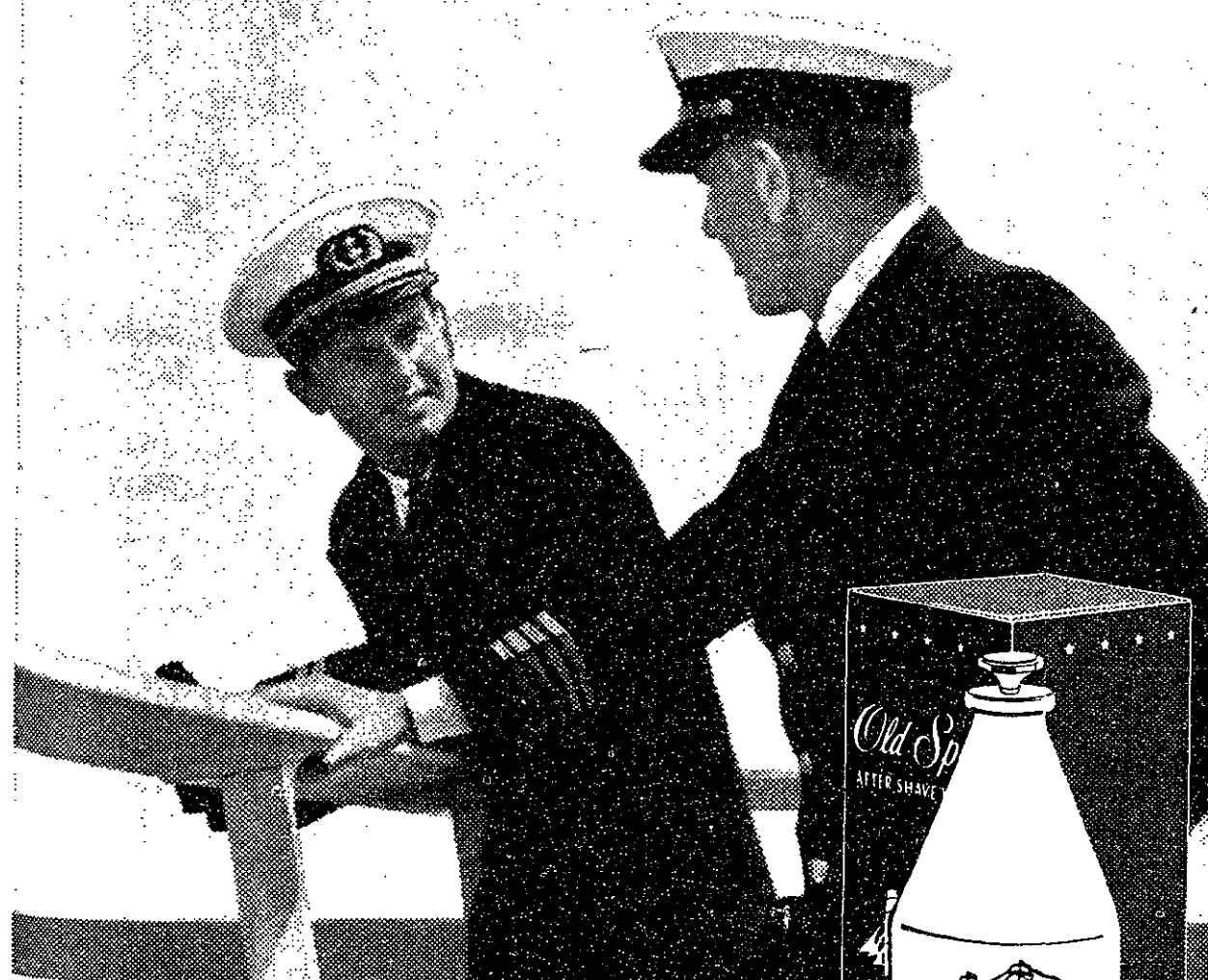
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New Plan At Holyoke Proposed By Students

(Continued from Page 14)

As a result of the revision, students will be able to fulfill their general requirements in three semesters, rather than four. Flexibility during the first two years has been the aim of the reorganization, to meet the needs of the individual students who vary in their high school preparation. According to the dean of admissions, the new curriculum should permit the very well prepared student to go rapidly into advanced work at the same time that it continues to provide for those students who need courses in the basic principles.

A second reason for the revision was cited by Academic Dean Meredith E. Cameron. Stopping what she calls "the rat race," the new program will enable students to concentrate more intensely and not as superficially. "By having to concentrate on fewer subjects at one time, the student will have to shift gears less often and can make more effective use of her time."

Technique Wins Top Award

Technique 1962, last year's year book, has been awarded a first-class rating by the Associated Collegiate Press. In Technique's nation-wide category, only one book received a higher rating.

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Dyeing For Color

Snails, Cochineal & Tars Are Colorful Resources

From the beginning of time mankind has desired color. Color has the power to attract, to repel, to affect emotions, even to increase or depress the appetite. No wonder people have been dyeing almost as long as they've been eating, sleeping and procreating.

Lavish use of color has been the mark of sophisticated civilizations from the days of ancient China and Egypt to the great days of the Mayans, Incas and Aztecs in this hemisphere. Perhaps the first use of color was by a caveman when he discovered that some berries dyed his fingers blue or some natural earth pigments were a lovely red. At any rate he decorated his caves with colors as long ago as 25,000 B.C., and probably his own anatomy, too, just as primitive peoples do today.

As man ventured farther and farther from his own hunting grounds naturally he sought out more, better and brighter dye stuffs as well as more interesting foods and spices. In fact, the search for spice and dyes led to great explorations and started the trade routes of the world.

Scientists have unearthed a garment at Thebes, for instance, which they say is over 3,000 years old. It's Indigo blue color probably originated with an indigo plant picked in India. The Bible makes several mentions of dyed garments.

Among the early traders were the Phoenicians whose discovery of a method of making a rich purple dye, called Tyrian Purple after their principal city, brought them fame and riches. So costly was this dye that only royalty could afford it. It was made of a milky secretion from a tiny gland in the lowly sea snail. Some 12,000 of these mollusks had to be caught to produce one gram of the dye. After that, came a laborious simmering process, said to take more than three days.

Despite the urge for color, dyeing techniques and knowledge suffered—as did nearly everything else—during the dark ages and woods and roots again became the main sources of dye.

The variety of objects man has used in his search for dyes numbers in the thousands although only about 24 made the grade as

really valuable articles of trade.

Besides the sea snail, man developed dyes from an insect, the female Cochineal (with which the Aztecs were producing a bright red when Cortez invaded the country in 1518), from roots, from lichens, from the stigmata of flowers, even from a tree incrustation produced by a lac insect, which also gives us shellac.

Inventive ingeniousness brought rewards. In the thirteenth century, a young Florentine named simply Federigo was granted Roccella as a last name for developing a purple made from a lichen, the *Roccella tinctoria*.

It wasn't until the middle of the Nineteenth century, however, that man freed himself from dependency on natural sources of dyes. In 1856, William Henry Perkin discovered the very first synthetic dye, a lavender called Mauve, from coal tar. The next quarter century saw nearly all the old colors synthesized and the great modern age of dyeing begun. England, France and Switzerland all had a part in the chemical revolution but it was Germany which made the greatest strides in the production of reliable synthetic dyes made from coal tar derivatives and other chemicals.

All these far away chemical advances weren't of much use to the American woman, however. She still needed to be a bit of a botanist and boil and stir for hours to achieve the browns and reds and blues she wanted for her home and family. Even as some years passed, home dyeing was not easy nor sure to please. There weren't any handy little boxes of Rit then!

Only when World War 1 shut off the source of German dyes did the infant American dye industry start to grow. It is a lusty giant today producing dyes of fine quality over an enormous range of colors.

Fortunately for the American homemaker, improvements in home dyeing have kept pace with the progress of the industry as a whole. The industry gave thought to her desire for colorful surroundings, her desires to change things, make them new-looking with as little effort as possible. It produced an inexpensive, all purpose home dye.

A lady may wear royalty's Purple now for pennies, and dye it herself by merely turning a dial, but surely it satisfies the same urge that led to the Phoenicians seining on the shores of Tyre.

Have A Spare Cave? Rent It As An Industrial Site

True to the predictions of Ug-walt, an early caveman historian who scratched memoranda on the walls of his underground office, Kansas Citizens are turning to cave quarters, as abandoned quarries in the underlying rock have become popular sites for industry.

In other areas where the trend is catching on, underground space is used mainly for storage, or to house defense installations, but in Kansas City, they're moving whole factories into the cool stone recesses.

Why caves? A big reason is temperature, which varies between 56 degrees Fahrenheit to 60 degrees Fahrenheit, requiring only a small air conditioner to dehumidify incoming summer air and an even smaller heating system to bring the temperature up to the desired level. And, over the years the walls of a cave store up heat from machines and bodies, cutting heating costs as much

as 30 per cent compared to top-side factories.

Too, certain types of businesses thrive on the rigid environmental controls which cave dwelling permits. For a toolmaker in Kansas City, tighter temperature and humidity control reduces expansion and contraction extremes in measuring tools and fixtures. For another toolmaker, the rigid structure of the cave itself is a big advantage. At its old location in downtown Kansas City, the heavy rumble of traffic upsets the machining and testing of delicate, close-tolerance instruments. This precision tool manufacturer paid \$2.85 per \$100 for fire protection at its downtown quarters. Now the rate is less than 20 cents per \$100.

Taking the long view, many quarry operators in Kansas City have altered their mining methods in the hope of finding a buyer once their mine is worked out. In earlier, haphazard days, the pillars that keep the roof from

tumbling in often were randomly placed, handicapping companies with long assembly lines or equipment systems requiring a lot of open space. Now the quarryier makes his columns more rectangular, lining them up and spacing them out equally.

But even more far-sighted is the manufacturer who quarries his own cave, planning the space exactly the way he wants it. One

such practical firm paid for two-thirds of its plant cost, exclusive of land, by selling limestone quarried from the new site. Over-all, the company figures the plant cost about \$6 a square foot compared to a \$12 figure topside.

Another example of the movement underground is that of the 62-million square feet of warehouse space in metropolitan Kansas City, almost half of it is located sub-surface.

AA Meeting Tonight At Dupont, 7:30 PM

The first Athletic Association meeting of the year will take place Wednesday, October 24 at 7:30 p.m. in the fencing room at DuPont. Topics to be discussed will be the proposed program to handle athletic clubs and publicity about MIT sports outside MIT. Immediately following will be meetings of the Intramural Council, Varsity Manager's Council and the T Club Council.

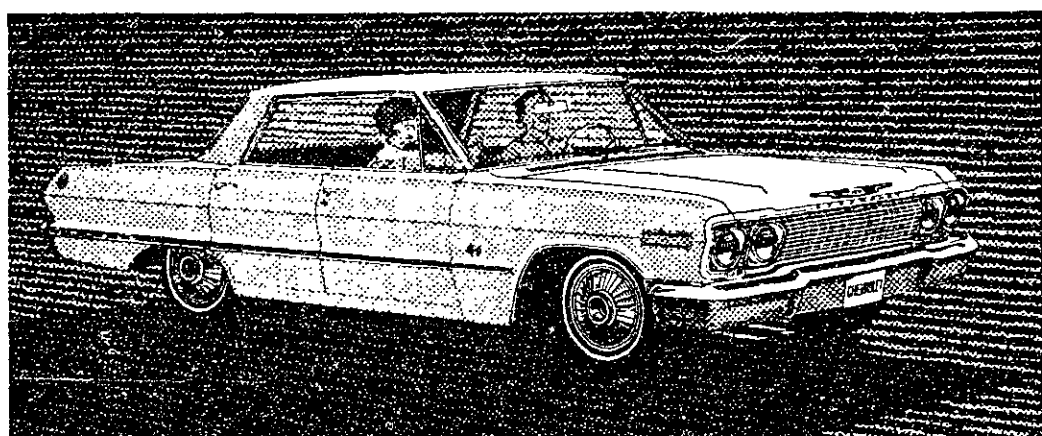
At the Intramural Council meeting, the intramural squash, softball and track managers will be elected as well as the assistant basketball, hockey and volleyball managers. Also, there will be a discussion of eligibility rules with regards to intramural participation to which all living group representatives are invited.

Student Directory, APO Phone Book Combined, Expanded

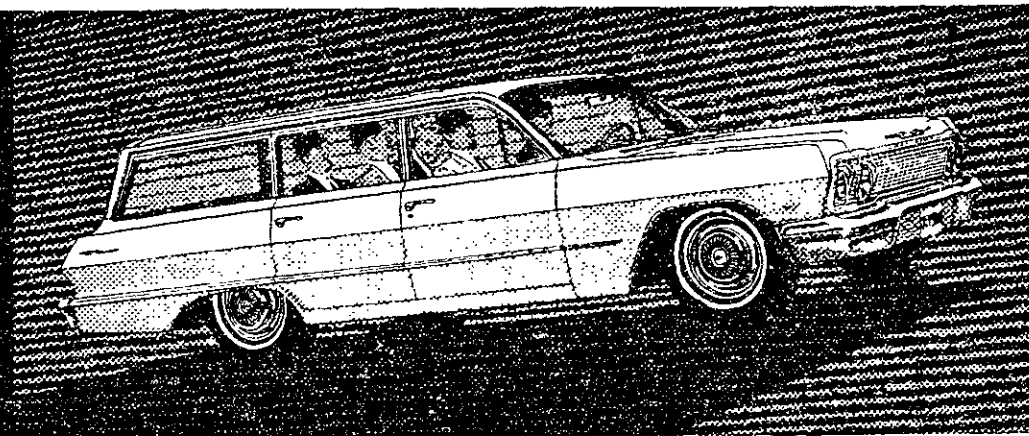
The MIT Student Directory for the fall term of 1962 is now available. Published by MIT with the cooperation of Alpha Phi Omega, the directory includes home and term addresses, as well as phone numbers, of all undergraduate and graduate students at MIT.

It includes as well an explanation of the dormitory phone system, a compilation of important phone numbers at MIT, and a list of phones at girl's schools around Boston.

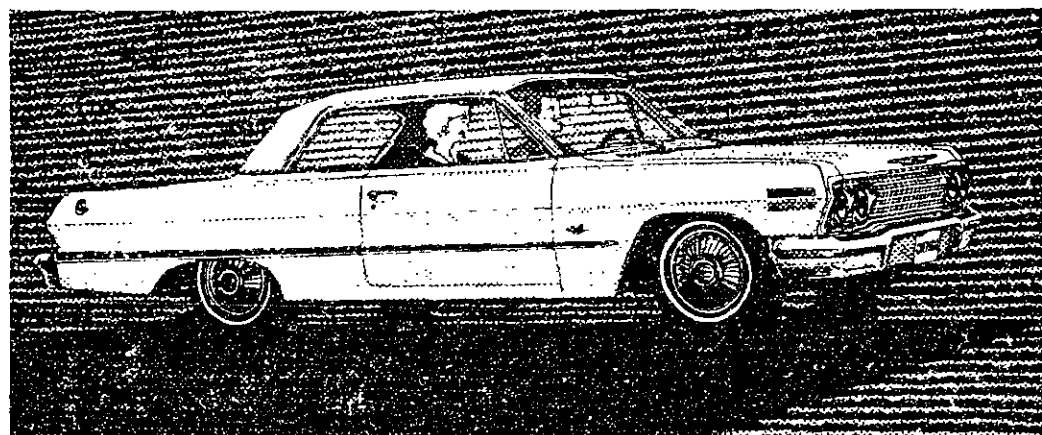
The Student Directory has already been distributed to all dormitories and fraternities, one copy per student. Non-resident students may obtain a copy of the directory in the lobby of Building 10 through Friday.



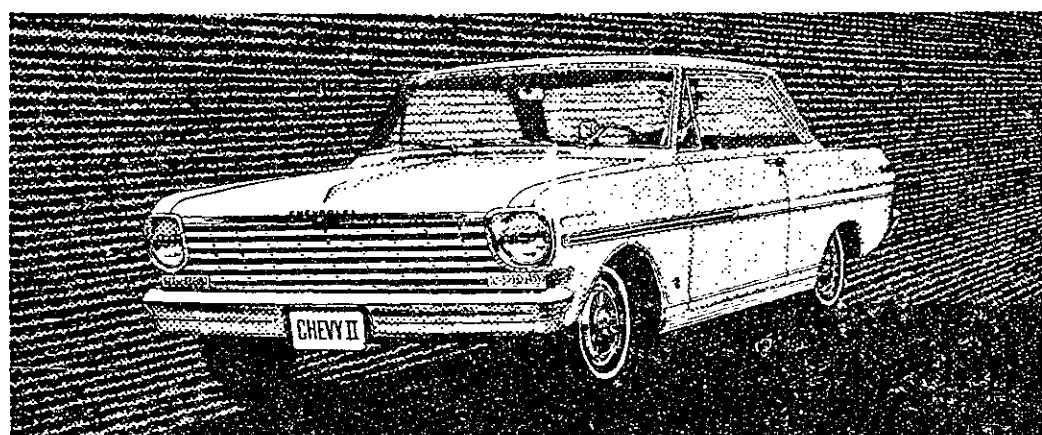
'63 CHEVROLET IMPALA SPORT SEDAN



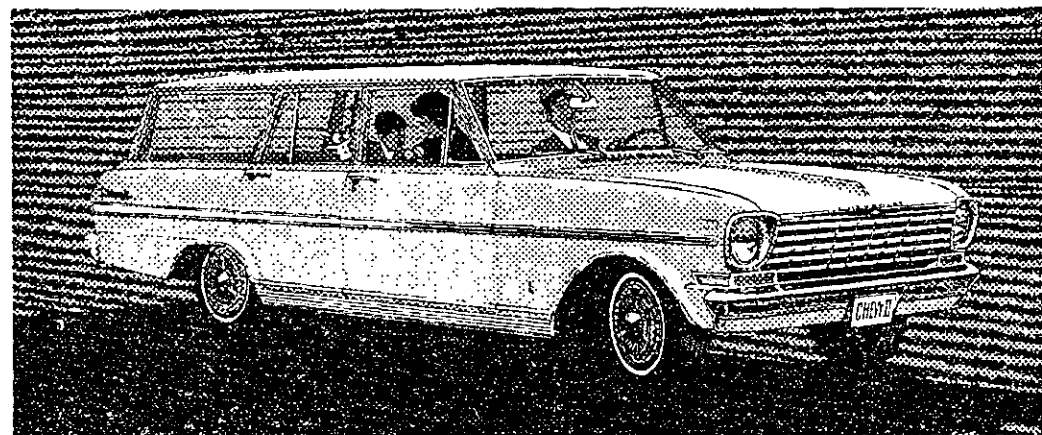
'63 CHEVROLET BEL AIR STATION WAGON



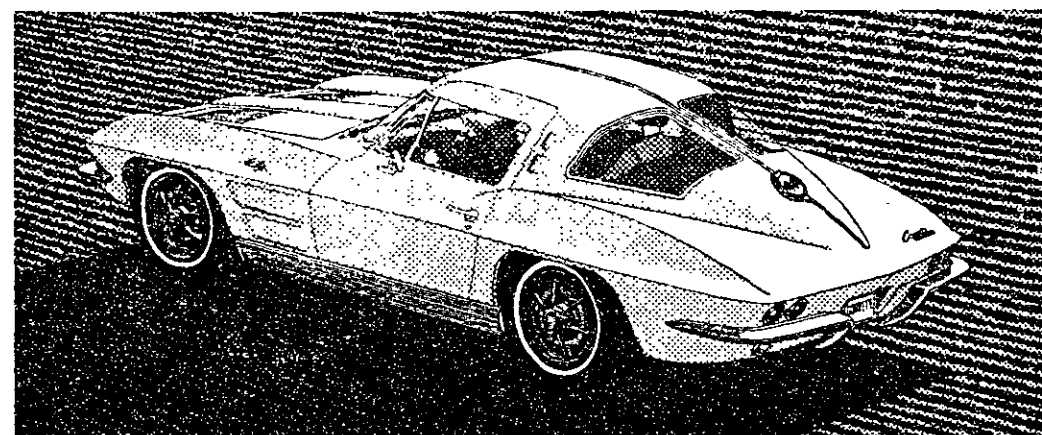
'63 CHEVROLET IMPALA SPORT COUPE



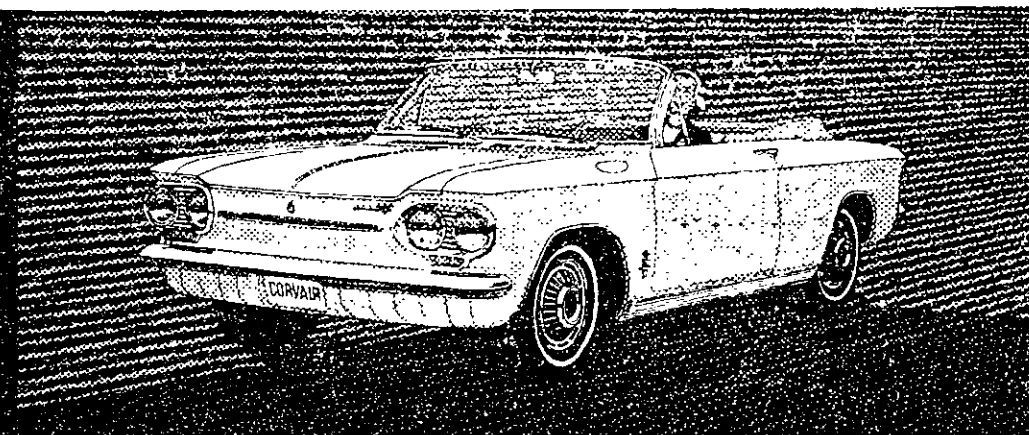
'63 CHEVY II NOVA 400 SPORT COUPE



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7 of 9 Starters Return

Experience Key To Fencers' Strategy

With the approach of the winter sports season, MIT's fencing team faces the new campaign with confidence and determination. Seven of nine starters return from last year's squad which posted a 5-5 mark and placed second in the New England Intercollegiate Fencing Tourney.

Miller Returns In Epee

Captain Steve Miller '63 returns to lead the Cavaliers in epee competition. Backed by seasoned veterans Dave Juncker '63 and Dave Snow '63, the Beavers are presenting a formidable trio in this event.

Returning Sabre men are Al Weil '63, considered in coaching circles as the second best sabre in New England; Steve Reznick, and Art Best.

Reznick and Best are both key men in Coach Silvio Vitale's plans for this year.

Wielding the foils will be the well balanced team of Barry Rosof '63, Ralph Zimmerman '64, and Norm Cohler '64.

Faced with the largest turnout in several years, Vitale may find other men to break into the starting ranks.

First Match December 1

MIT meets Bradford-Durfee, December 1 in its opening match. The squad's first big test will be against Harvard December 12, while Vitale believes the toughest match should be with NYU, on the squad's New York trip in February.

All home matches take place in the fencing room of Dupont Athletic Center.

Crew Set For Spring Campaign; Key Lightweight Oarsmen Return

Although someone has yet to receive an athletic scholarship from the Institute, MIT crew enjoys all the facilities, coaching, and enthusiasm that football would have at a large state university. Head Coach Jack Frailey's squad begins its "spring season" in the fall, on the first or second day of classes and continues through June, with a period of indoor training during the winter when the Charles freezes over. In fact, this past summer, Gary Zwart's Lightweight varsity continued training well into the summer for the Henley Regatta in England.

Frosh Have Strong Turnout

Fall crew is a vital period for learning and improving rowing form, which is considerably more difficult than it looks. Under the coaching of Dick Erickson and Dick Resch, almost all the frosh heavyweights and lightweights receive their first taste of rowing, first in "barges" and then in actual shells; by the spring they are nearly ready to compete with crews that have had prep school rowing experience. This year, both frosh squads have had a strong turnout of oarsmen, but need more managers and coxswains. For someone who wants to play a part in the success of the crew in a non-rowing capacity, this is still an excellent opportunity.

Squad Has Increased Depth
For the varsity candidate, the

fall season is a time to perfect rowing skill that will pay dividends in spring competition against such rivals as Cornell, Harvard, Yale, Navy and Princeton. Looking forward to the future, Coach Frailey is very optimistic for the whole boat house. As for his own squad, the size of the fall turnout for the varsity heavies is almost double that of last year, a sign of depth that should prove to be important in the spring. The first shell's loss of four senior oarsmen and the coxswain is offset by the return of Chris Miller and Bill Webber, stroke and 4 man of the varsity year before last, Jim Latimer, and Mike Lardner, captain and stroke of the frosh heavies the same year.

Lightweights Appear Strong

Gary Zwart's lightweights plan to equal their stunning record last year, which included a photo-finish, first-place tie with Navy and Cornell at the National Championship sprints at Worcester. Although graduation took all four starboard oarsmen, the squad has more than enough depth for replacing them. Last spring it was not uncommon for the third shell to best both varsity and J.V. in practice; which resulted in faster times for all three boats.

Class Day November 17

The biggest competition and chief highlight of fall crew is Class Day, Saturday November 17 this year, marking the end of the fall season. During the afternoon there is a race between the frosh heavies and lights, in an "armada," this year about ten or eleven boats strong; a race between shells representing various living groups, won last year by Chi Phi; and of course, for comic relief, a managers-coxswains race, a generally acknowledged fluke victory for the managers last year. The main event of the day matches class boats from both varsity squads in competition for the Richards Trophy. Finally, there is steak fry and dance in the boathouse.

engineers: IS INDIVIDUALITY IMPORTANT TO YOUR FUTURE?

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In an atmosphere of individual effort, supported by small-team operation, Don was able almost immediately to demonstrate his abilities and achieve personal recognition.

His second challenge—to devise a scoring device for a radar directed fire-control system—proved his talents. He conceived, proposed, developed and brought to successful completion, a magnetic scoring device. Other projects and successes followed quickly.

Emerson's policy of allowing engineers to range, to develop their own individual abilities, to carry through projects to the end, has helped Don Mertens achieve an outstanding record.


Today, at 25, he is project engineer on a program developing a high-resolution radar involving advanced concepts. Don Mertens wanted the opportunity to explore and demonstrate his personal talents. Emerson provided that opportunity within an atmosphere of "think freedom." Both have benefited. Is this the kind of opportunity you want, too?



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Olympic Rules Tightened, 'State Amateurs' Barred

The International Olympic Committee recently banned all "state amateurs" subsidized by their governments and athletes in college receiving scholarships based mainly on athletic ability from competition in future Olympic games.

The first portion of this ruling seems to be aimed at the Communist nations' "encouragement" of athletics, the latter half of the decision basically affects the United States. Avery Brundage, president of the International Olympic Committee and mother-hen of purehearted amateurs, said that the ruling would "disqualify about half of the American Olympic team" if applied rigidly.

This decision has incited a great deal of controversy in the last few days. Eddie Eagan of the People to People Sports Committee had this to say, "It's highly unfair, as applied to our college scholarships and a most undemocratic ruling. Most of our athletes come from the other side of the tracks. It's unfair to take the incentive of scholarships and trips abroad away from them. If it is strictly enforced, we might as well close up shop." George Sauer, general manager of the N. Y. Titans, commented: "It's a big mistake."

The responsibility for the enforcement of this ruling falls first on the shoulders of the Amateur Athletic Union and the U. S. Olympic Committee who select the athletes from the U. S. for international competition and pass judgment on their eligibility. But final decisions on the eligibility of international amateur competitors are made by the International Amateur Athletic Federation.

(The above article appeared in the Manhattan Quadrangle.)

Intercollegiate Rules Govern IM Wrestling; Point System Utilized

Wrestling does not always have to be a spectacular travesty (as on TV). Intramural manager Bob Wells wanted to clarify this point before the coming I M tourney, and he requested that The Tech publish the following summary of intercollegiate wrestling rules.

The intercollegiate matches are held in eight weight classes ranging from 123 pounds to unlimited. The teams of the contestants are awarded points on the basis of the outcome of the individual matches. At the end of the meet, the team with the most points is declared the winner.

The matches are nine minutes long, consisting of three three-minute periods, the first beginning with both men standing, and each of the others with one of the opponents in a position of advantage. Individual points are awarded for escaping from a position of disadvantage, gaining a position of advantage, and for pinning or almost pinning an opponent. The individual winners are decided on a basis of these points.

Fijis In IM Tennis Finals; Semi Pairs Baker B, SAE

After a series of tight and exciting matches, the IM tennis tournament has been reduced to a field of just three teams, with one final and one semi-final match remaining to be played. The final will be played on Sunday, October 28, when Phi Gamma Delta will meet the winner of a match to be played between Sigma Alpha Epsilon and Baker B.

Baker A, Baker B Advance

The week's play began with the completion of three preliminary matches which remained to be played off. Delta Tau Delta edged Burton B by 3-2 on Tuesday, October 16, but fell to Baker A on Friday by the same 3-2 margin. In the last remaining second-round match, Baker B took a hard-fought 3-2 victory over Phi Sigma Kappa.

Fijis in Final

PGD reached the final round with a 3-2 victory over Baker A on Saturday, October 20. PGD won in first and third singles, and in first doubles. Monroe Labouisse '62 took a 6-1, 6-4 triumph over Stan Mackenzie '64; John Vlcek '62 downed Jim Mayo '61 by 6-1, 6-1; and the tandem of Doug Wilson '66 and Norm Dorf '62

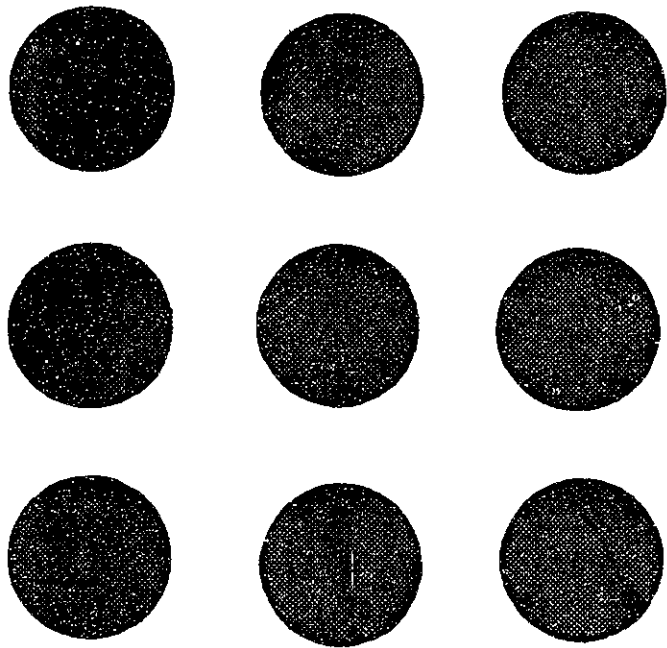


Doug Wilson of Phi Gamma Delta returns shot at net in fast play which led to a Fiji victory over Baker A in the IM Tennis Tournament.

(Photo by Ralph Grabowski)

clinched the PGD win with a 6-4, 6-2 sweep over Jack Solomon '63 and Pete Bohmer '65. For Baker A, Stu Nelson '62 downed Don Aucamp '62 6-2, 6-3; and the team of Bob Wolf '62 and Keith Gilbert '63 edged Randy Seba '65 and Roy Wyttenbach '65 by identical 6-4, 6-4 scores.

ENGINEERS — Can you intersect each of these circles using 3 straight lines, without retracing or removing your pencil from the paper?



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If it's any consolation, WE are facing much the same problem — from the opposite side of the fence. We've got to make decisions about a lot of young Engineers like

you — also without benefit of slide rule or computer. We must decide who would be of help to us in tackling assignments in today's technologies of the aerospace and electronics industries.

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In TEXAS — Fort Worth Division in Fort Worth

Incidentally, our man will have the solution to the puzzle along, just in case you missed it. Why not make a date to see us at your Placement Office now?

INTERVIEWS AT M.I.T.

TUESDAY, OCTOBER 30

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Frosh Sports

Sailors Take 3rd; Harriers Bow

By Ed Steinberg

Perhaps still suffering from the after effects of Friday's physics quiz, MIT's frosh teams experienced rough going this week end. Frosh sailors finished third in their meet on Sunday, but both the soccer and cross country squads went down to defeat Saturday.

In the sailing event MIT finished behind Boston College and Harvard. Terry Cronburg and Joe Smullin were the Engineers' skippers in the A Class, while Bob Purcell and Bob Hatch pil-

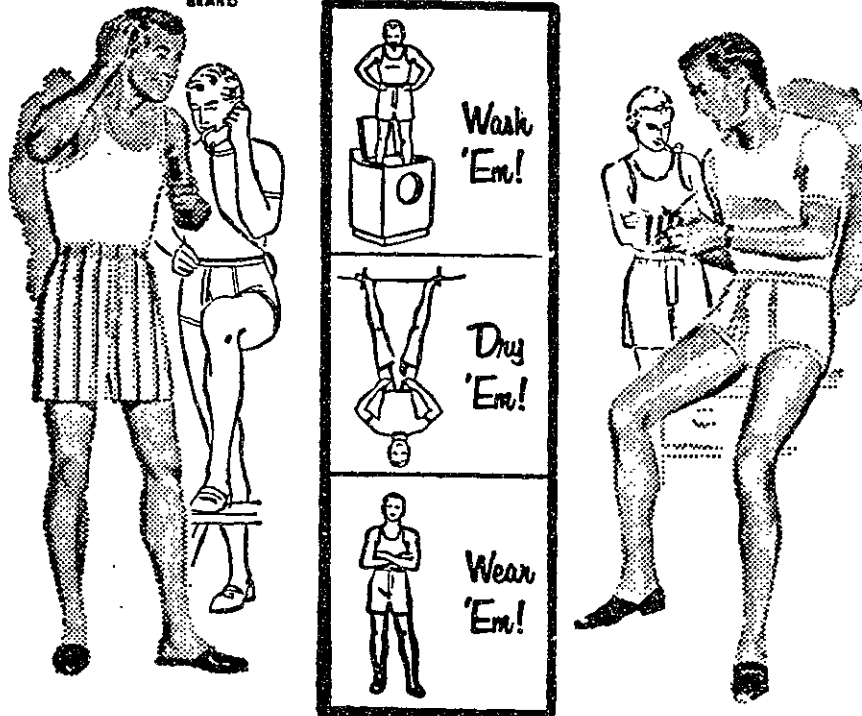
oted in the B Division. Hatch was the only Tech skipper to place first in a race.

Frosh harriers lost to the University of New Hampshire, despite another superlative performance by Sumner Brown. Brown broke the course record in finishing second in the race. Rob Wesson finished second for MIT and sixth overall. Others in the top five for the Engineers were John Rible, Tony Fiala, and Ken Caneva.

The soccer team lost 9-0 to a strong Harvard team.

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Tech Coop

Tech Soccermen Ranked Top In NE After Amherst Win

By Neal Harvey
MIT's soccer team gained top ranking in New England last Saturday when it defeated Amherst, 1-0, at Amherst.

Amherst, a top New England power, had previously overpowered Harvard, 3-0, and was considered the pre-game favorite. However, the Techmen out-engineered the Lord Jeffs in every aspect.

Tech Defense Holds
Amherst started the game with a concerted push for an early goal that would give them an edge to rest upon. Tech's defense accepted the challenge and time after time pushed them back into their end of the field before they could enter the goal area for a shot.

The strong Tech forward line, led by Bob Mehrabian, '64, at center forward, Mohammed Chikhaoui, '65, and Jim Tang, '63, at the wings, presented quite a serious threat for the Lord Jeffs' backs. Late in the first quarter, Mehrabian drove in from the left on a quick break and shot as he collided with the Amherst goalie.

Just before the ball entered the goal an Amherst fullback grabbed it by hand and prevented the score. Tech received a penalty shot but it was high and to the left of the mark.

Midfield Battle Ensues

The next two periods witnessed repeated scoring efforts by both teams, but none were successful. It seemed to be a midfield battle between defenses and offenses with neither team gaining an advantage. The taller Amherst players were able to head the ball better, but the Engineers displayed superior foot work and were more accurate passers.

With 3:50 elapsed in the fourth and final quarter, a perfect pass over the heads of the Amherst defense men by Eddie Roberts, '65, to Bob Mehrabian, set up the MIT goal. He was untouched as he pushed the ball past their goalie and into the net. Tech then shifted into a new diamond defensive formation that provided an extra back to cover Amherst's all out effort to score. But, the Tech backfield, led by halfbacks Warren Littlefield, '64, and Olawale Taiwo, '64, refused to yield. Goalie Peter Svahn, '63, made a total of 12 saves for the afternoon and maintained his three-game record for the season of not being scored upon.

Beavers Top Brandeis

Last Tuesday, the team tallied its fourth win when it lightly trounced Brandeis, 4-1, on Briggs Field. The scoring was shared by Sylvester Okereke, '63, with one goal and Mohammed Chikhaoui, '65, with three goals to his credit.

Faces B. U. Today

Today, the team meets Boston University and then prepares for another big game slated for this Saturday, at home, with Springfield. Springfield is one of the best teams in New England, and a win over it would place MIT in a position for an invitation to the national championships in St. Louis.

On Deck

Saturday, October 27

Cross Country (V) — Coast Guard, Home, 2:30 PM

Cross Country (F) — Coast Guard, Home, 2:00 PM

Sailing (F)—Freshman Individual Championship, Home.

Soccer (V)—Springfield, Home, 2:00 PM

Soccer (F) — Brown, Away, 11:30 AM

Sunday, October 28

Sailing (V) — Hoyt Trophy, Away, at Brown

Sailing (F) — Freshman Individual Championship, Home

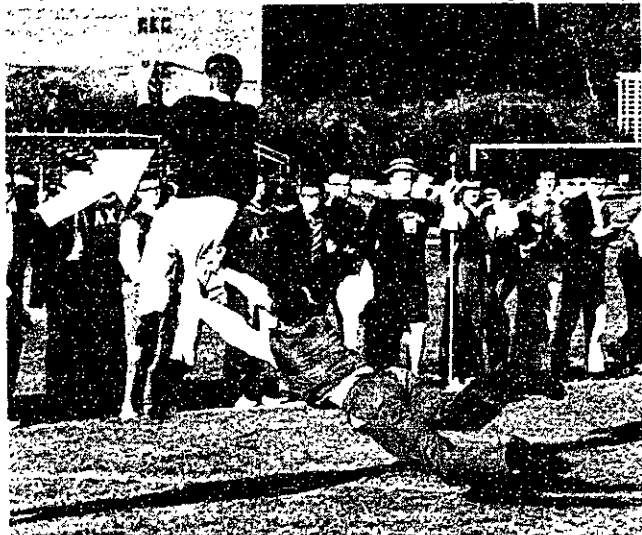
DU Tops LXA 13-6, SAE Edges Betas



Fred Souk of SAE dives off tackle as Beta defenders Dick Nygren, Harold Branson, and Terry Riley (l. to r.) converge. Chuck Rein looks on after blocking for SAE. The sailors won, 18-12, in overtime. (Photo by Ralph Grabowski)



Dick Sikes carries the ball through the middle for LXA in second quarter action of Saturday's contest with DU. (Photo by Joseph Barron)



Jeff Paarz '63 is up for a Jim Allen aerial despite the futile efforts of LXA's Mike Parker (Photo by Joseph Barron)

MIT's intramural football tournament games on Saturday, October 20, brought some very powerful and determined teams into action. Accordingly, winning margins were small, with one game going into overtime. In division A play, Delta Upsilon overpowered Lambda Chi Alpha 13-6 while in the other semi-final contest, both teams await an IM Council ruling on a Beta Theta Pi protest against Sigma Alpha Epsilon's bitterly fought 18-12 victory.

Betas, SAE In Protested Contest

An exciting afternoon began with Beta Theta Pi playing Sigma Alpha Epsilon before a large, cheering crowd. The Betas started off to an early twelve point lead with a line plunge by Harold Branson, '63, and an end sweep by Tony Aldrich, graduate. SAE fought back, however, and made it 12-6 at half time on Sophomore Fred Souk's, off-tackle run. Then, again in the third quarter, Souk dazzled the Betas

as he stepped off seventy yards on a punt return for another SAE TD. This made the score 12-12 and it remained the same until the end of regulation play.

A one quarter overtime period was then begun. However, there was a protest over an interpretation of the rules during the extra period. This necessitates a decision by a specially appointed intramural protest board and possibly a replay of all or part of this game according to the board's decision.

DU Again In Finals

Delta Upsilon entered the intramural football finals for the third year in a row with a win over Lambda Chi Alpha. DU was first into the scoring column as Jeff Paarz, '63, grabbed a pass from Jim Allen, '64. Lambda Chi tied the score on a pinpoint Dave Sikes', '64, toss to Mike Barker, '64, in the end zone. DU, not to be outdone, tallied seven more on two passes by Jim Allen. Sharp defenses from that point on checked further scoring efforts. DU thus held their 13-6 lead in a game where tough line play was extremely impressive.

ATO Aerials Best SAM

The passing of Doug Patz '65 and the scoring of Bob Maskrey '63 led Alpha Tau Omega into the Division B semi-finals over Sigma Alpha Mu. The game was closer than the score might indicate, for at halftime the teams were knotted at 6-6. For ATO, Maskrey tallied three times and Bob Wells '65 once, all on passes from quarterback Jim Patz '66. SAM did its scoring as Stu Nemser '66 and Bob Morris took pay-dirt passes from John Castle.

Grad House Fills Out Semi Bracket

Graduate House Dining Staff then joined ATO, Alpha Epsilon Pi, and Zeta Beta Tau in the B semi-finals with a 13-0 shutout over Delta Kappa Epsilon.

The IM Council's Protest Board, meeting last night at the request of Beta Theta Pi, ruled invalid that living group's protest over a rules conflict emerging from Saturday's IM football game with SAE.

How They Did

Cross Country

UNH 17, MIT 43
UNH 20, MIT 41 (F)
MIT 25, Brandeis 36

Soccer

MIT 1, Amherst 0
Harvard 9, MIT (F) 0

Tennis

Aasnaes, Moter eliminated in ECAC finals

Moter Falls to Sullivan

Aasnaes Eliminated in ECAC Upset

Bent Aasnaes and Jack Moter ran into stiff competition in the final rounds of the Eastern Collegiate Tennis Tournament which was played at Princeton last weekend. Aasnaes seemed to lose the touch which carried him to the singles championship in the New England division two weeks ago and was defeated in his first two sets at Princeton. Tech's doubles team of Aasnaes and Moter also faltered in their first round pairings and lost two out of three sets to Princeton's team.

Aasnaes Seeded 2nd

In the opening round, Aasnaes, who was seeded second in the tournament, was paired off with the number two man on the Princeton squad. The first two sets were won by the man from Princeton by scores of 6-2 and 6-3. Jack Moter, playing his first singles contest of the entire tournament, met Paul Sullivan of Harvard. Moter played well but lost by a very close margin. He dropped the first set 8-6 but tied up the match with a 6-4 win in the second set. Sullivan won a

closely fought third set by a score of 6-4.

MIT's doubles entry met the team from Princeton in their first match. The score was close right down to the end, but Princeton's men proved to be the stronger. The opening set was won by Lynch and Thompson of Princeton by a score of 6-1. Aasnaes and Moter came back to take the second set by a 11-9 margin. The third and deciding set was fought right down to the wire, but the Princeton team outlasted the Techmen and scored a 7-5 victory.

In the divisional matches, Aasnaes had proved himself superior to all other contestants. He overpowered Ron Massey of the University of Connecticut by a score of 12-2, and then defeated Chauncey Steele III of Harvard 12-10. He won the singles championship by defeating Sullivan in two out of three sets. He won the first and third sets by scores of 6-3 and 6-4 while Sullivan took the middle one 6-4. Aasnaes and Moter lost to Steele and Sullivan in the doubles finals of the New England division by scores of 6-2 and 7-5.

Tech Overpowers Brandeis Golfers, 398-482;

Hull Records Ace On Twelfth In Tech Win

By JOHN REINTJES

Co-captain Neil Hull aced the twelfth hole and Bill Lakin carded a 74 to lead MIT to an 84 stroke victory over Brandeis at the Oakley Country Club October 15. The win evened Tech's record at two wins and two losses.

Hull's hole-in-one came on the 125 yard, par 3 twelfth hole. He selected a nine iron and drove his tee shot into the cup to become the first man from MIT to record a hole-in-one. His final score was 76, which was second low for the day. Following up Lakin and Hull in the scoring were Glenn Stith, 80; Co-Captain Mike Finson, 83; and Pete Lubitz, 85. Tech's total score was 398. The low man for Brandeis scored a 78, and they wound up with a total of 482.

Harriers Fall to UNH, Rebound to Down Brandeis

MIT's varsity cross country team fell to a very strong University of New Hampshire squad at Durham, New Hampshire last Saturday. UNH's first man set a school record as MIT's Harriers fell 17-43. Roger Hinrichs '63 finished first for MIT in fourth position in the race. Second for the

Engineers was Dick McMillin '65 and close behind him were Chuck Sigwart '64, John Dressler '64, Dean Hubbard '65 and Tom Goddard '63 in that order.

Beavers Take 8 of 10 Places

Last Tuesday in Waltham, the varsity squad topped Brandeis 25-36. After yielding the first two

spots, MIT captured the next eight positions to win handily. Chuck Sigwart finished first for the Institute and was followed closely by a pack of three: Dick McMillin, Tom Goddard, and Roger Hinrichs.

Tech's Harriers meet Coast Guard at Franklin Park Saturday.

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